



Birla Institute of Technology & Science, Pilani
Hyderabad Campus

PU CHRONICLES

RECRUITMENT PROCESS & INTERVIEW EXPERIENCES

**Placement Season
AY 2019-2020**



**BIRLA INSTITUTE OF TECHNOLOGY AND SCIENCE, PILANI
HYDERABAD CAMPUS**



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FOREWORD

Dear Students

It gives us immense pleasure to present the PU Chronicles for the AY 2019-20. The document aims to provide you with information that would help you to make important decisions related to your placements and academics.

This document has been curated by compiling the interview experiences from students who cleared the interview rounds and were placed in the companies that visited campus in 2019-20. This is by no means an exhaustive document enlisting all the students placed or all the companies that visited. The information here is from the student's perspective and thus can be very resourceful to students as they gear up for the processes yet to come. We urge you to get in touch with us directly to clarify doubts, and also write to us at placement@hyderabad.bits-pilani.ac.in in case you notice any glaring errors. We will ensure that a rectification notice is sent at the earliest.

A word of caution: Placements is an extremely volatile area, and changes based on a number of factors such as market conditions, recruiter relationships and business constraints. Please read through the document with the awareness that the trend for a certain year may not be the trend for the next year. Hence, streams that did not do well in a particular year will be the best placed in the following year. The rounds and processes conducted by a company in the previous semester may very well differ this semester.

Hence, prepare hard, be optimistic, and rest assured - the Placement Unit is always there for you!

All the Best
Placement Team
BITS Pilani Hyderabad Campus





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SEMESTER - II

IT

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CORE

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EDUCATION

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SEMESTER - I



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DOMAIN

ANALYTICS





An Overview

4 companies visited our campus for Placements in the first semester, last year out of which a total of 13 students were selected. The roles offered in general are :

Quantitative analyst, Research analyst, Data Scientist, Business Operations. Usually the recruitment involved 3 rounds with the first one being an aptitude round which tested your quantitative aptitude and situation based questions. Companies looking for data scientist role applicants had basic coding questions too. The second round was mostly a group discussion which tested your presentation skills, debating skills and also your composure. Third rounds were interviews where basic HR questions, details about projects mentioned and few guesstimates were asked. The students felt that coding skills can be learnt from online resources like GeeksForGeeks/w3schools or Udemy/Coursera, material given by Placement Unit. One of them mentioned that the YouTube channel: CraftingCases was of great help too. For business operations roles, have a good grip of your fundamentals in BAV course.





Call Health

Industry: Analytics

Name: Shubham Srivastava (2015B1A40818H)

Company: Call Health

Role: Quantitative Analyst

Mode of Offer: On-Campus

Recruitment Procedure:

1. Written Round (Pen-Paper):
 - Situation based 5-6 questions, MCQ (incorporated acc. to their business)
 - Very few was rejected in this round
2. Group Discussion:
 - In group of 7-8 candidates
 - Current Affairs and General topics. Mine was BJP v/s Congress
 - Initial 1 min. time was given to think
3. Interview:
 - Resume Based
 - Details about the projects and technical skills mentioned to check the proficiency.
 - Few basic HR questions

Sources of Preparation:

Not any specific just general resources available for skills like Javascript, Python, SQL and Excel.

Other Relevant Information:

This Company came for the first time to our campus. The process was quite easy. The written round has questions from a broad range of topics- from marketing perspective to HR perspective, all MCQs. The GD was conducted to check how students are using their logic to reach any conclusion and not just throwing random facts. The interview was not very technical. They were asking about the basics of various technical skills like Python, Javascript, SQL, Excel etc. I would recommend to be thorough with the basics of above mentioned skills. Also, candidates should remain calm and answer honestly during the interview.





Industry: Analytics

Name: Sakshi Shukla (2016AAPS0168H)

Company: Call Health

Role: Quantitative Analyst

Mode of Offer: On-Campus

Recruitment Procedure:

1. Written Round (Pen-Paper):
 - Situation based 5-6 questions, MCQ types (incorporated according to their business)
 - Very few was rejected in this round
2. Group Discussion:
 - In group of 7-8 candidates
 - Current Affairs and General topics
 - Students were judged on the basis of points made during the GD.
3. Interview
 - Resume Based
 - Details about the projects and technical skills mentioned to check the proficiency.
 - Few basic HR questions

Sources of Preparation:

1. Materials given by the PU
2. General resources available for Python, Javascript, SQL & Excel

Other Relevant Information:

This Company came for the first time to our campus. The company expects that the candidates should know the basics of Python, Javascript, ML, SQL & Excel at least. In the initial stage, your job will be slightly inclined towards the tech part so the mentioned skills are the must for every candidate. The same was asked in the interview also. I would also recommend to prepare the resume accordingly and don't put unnecessary things.





Epsilon

Sector: Analytics

Name: Smruthi Meesala

Company: Epsilon

Profile: Data Analyst

Recruitment Procedure:

- **Online test :** Included general aptitude questions, technical questions on R or Python based on the language of your choice and simple coding questions. The coding questions were pretty basic and you could choose between Java/Python to code
- **Interview:**
 - Technical round 1: It was mainly resume based and the interviewer asked questions about the projects I had done and to explain it in detail.
 - Technical round 2: Basic questions in Java and DSA were asked since I had done those courses.
 - HR round: It was a pretty basic HR round with the usual questions like tell me about yourself and your hobbies/interests.

Sources of Preparation:

Prior knowledge of R/ Python may help but Geeks for geeks is the best place for learning Python/ R basics that will help you get through the online test and basics during the interview. If you have done courses like OOP or DSA, going through the basics is enough as being a non- tech profile they won't ask very hard or complicated questions.

Courses and Certification: R Programming from Coursera

Other Relevant Information:

Be confident about projects you have done as a part of coursework or internships. Be extremely patient while explaining the project as well as answering questions asked by the interviewer. Even if you don't know Python/R and have done courses like OOP or DSA, revising the basics (use gfg) will help.





Sector: Analytics

Company: Epsilon

Name: Natasha Singh

Profile: Data Analyst

Recruitment Procedure:

- Online test with Python coding, SQL query, SAS, Quantitative Aptitude, English.
- Two technical rounds and 1 HR round
 - Technical round 1: Resume based Questions, My project on Neural networks.
 - Technical round 2: R programming questions, SQL query, my project on sentiment analysis, Profit and Loss case study.
 - HR round: Life in BITS, likes and dislikes about BITS academic system, Why data analysis?

Sources of preparation:

- SQL, Python: GeeksForGeeks
- Business Case : Case in point book.
- Quantitative Aptitude: Placement Division Tests.

Courses and Certification :

- R programming :- Innodatatics (workshop held in campus)
- Intro to Python, ML:- Coursera

Other Relevant Information:

Python/ R proved to be very essential in the interview. They were also questions based on SQL queries. Go through your projects briefly before the interview as they were also discussing the projects in the resume.





Sector: Analytics

Name: Kunal Varshney

Company: Epsilon

Role: Data Analyst

Recruitment Procedure: (2 technical + 1 HR round)

- Round 1: I was asked to explain any project mentioned in resume
- Round 2: Case Interview Round.
 - Case Interview was on Marketing.
 - Type of marketing to be used, Online v/s Pamphlet Based.
 - Target Customers were working women.
 - Interviewer was more interested in keywords and approach rather than numbers.
 - Keyword was conversion.
 - How many calls are you able to successfully convert to customers?
- Round 3: HR
 - Hobbies
 - 4 year in BITS
 - Career Goals
 - What do you like / dislike
 - Motto in 1 line

Sources of Preparation:

- Learn Python and SQL from w3 school or GeeksForGeeks
- Case Interview: Case Point by Marc, YouTube IITB interviews

Courses and Certification: Minor in Finance and Bloomberg Certificate. Doesn't matter here though.

Other Relevant Information:

Be prepared with R/ Python and SQL. Also solve as much case studies as you can to gain knowledge about different frameworks used for solving them.





Hourglass

Sector : Analytics - Patent company

Name : Rocha Craig Luke (2016A4PS0376H)

Company : Hourglass

Role : Research Analyst

Mode of offer : On- campus

Recruitment Procedure:

- Round 1 - Written Test
The test consisted of general quant questions and aptitude tests. Comprehension questions on a Drama were also asked.
The last part of the test was to write an essay.
- Round 2 - Interview
The interviewer mainly asked me questions on my office location preferences and a couple of them, targeting my CV. A few guesstimates were also asked..
Being a Mechanical student, I opted for Thesis in my 4th year, instead of a PS.
So I was asked questions on my projects and my research interests.

Sources and Preparation: Basic HR questions from various resources and be confident with your project experience and its take-aways.





Impact Analytics

Sector: Analytics

Name: Shubham Varshney (2016A2PS0620H)

Company: Impact Analytics

Role: Data Scientist

Mode of Offer: On-Campus

Recruitment Procedure:

1. Online test – The test had 30 questions and was equally divided into 3 parts:
 - a. Logical reasoning
 - b. Quantitative aptitude. This was the main deciding factor.
 - c. Coding questions. The coding questions were in python and involved basic prediction of the output kind of questions having for loops and such.
2. Interview – The interview was pretty relaxed. Questions were asked on statistics, one guesstimate to calculate the revenue in ANC for one semester and one puzzle. Apart from that there were a few basic HR questions.

Sources and Preparation:

- Material given by PU for guesstimates and case studies.
- GeeksForGeeks top 100 puzzles for preparation.

Other Relevant Information:

For most analytical roles, quant is very important, so make sure a lot of practice is required. It would be better to learn tricks to solve large problems. Regular practice on guesstimates and case studies is a must. Apart from that, basic knowledge on R/Python would be a huge bonus. Although the official role says Data Scientist, the work would be that of an Analyst.





Sector: Analytics

Name: Spandan Pattanayak (2016A2PS0489H)

Company: Impact Analytics

Role: Data Scientist

Mode of Offer: On-Campus

Recruitment Procedure:

1. Online test – The test had 30 questions and was equally divided into 3 parts:
 - a. Logical reasoning
 - b. Quantitative aptitude. This was the main deciding factor.
 - c. Coding questions. The coding questions were in python and involved basic predict-the-output kind of questions having for loops and such.
2. Interview – They first asked a few ice-breakers and then asked for a case study based on the direction in which the initial conversation was going on. It was about a business venture and its profitability guesstimate. After that, I was asked 4 puzzles, followed by a few basic HR questions.

Sources and Preparation:

1. For case studies, I referred to videos by the youtube channel [CraftingCases](#)
2. For puzzles The GeeksForGeeks top 50 puzzles would suffice.
3. Placement training helps a lot when it comes to preparation for maths and reasoning.

Other Relevant Information:

It would be best for applicants interested in analyst roles to prepare for case studies thoroughly. Practising with a partner would be more beneficial. Maths and reasoning practise should begin 2-3 weeks before placement starts. Basic CAT preparation for Math should suffice. I was asked whether I had knowledge of R/Python in the interview and when I said I didn't, I was told that it would not matter much as they take a training session for them. Although the official role says Data Scientist, the work would be that of an Analyst.





ZS Associates

Industry: Analytics

Name: Aditya Subramanian Venkataraman

Role: Business Operations

Mode of Offer: On campus placement

Recruitment Procedure:

- There was an aptitude test which included a visual round encompassing guesstimates etc. conducted on campus.
- Three interview rounds in their office at Pune, namely, a Case-Discussion interview, an HR interview & a personal interview.

Sources of Preparation:

In general, the placement training helps enough for the aptitude test, but the interviews are all resume based, so be very thorough with your resume and understand that the questions will be oriented towards it. Otherwise, regardless of it being a consulting profile for Civil students, it is still similar to the process of most non-tech roles.

ZS conducts a seminar to tackle case studies called the Brown paper bag workshop. It is generally very useful since I had little prior experience in handling case studies.

Courses and Certification:

If the applicant has a minor in Finance, be ready for a lot of questions from it. There will be quite a lot of questions from BAV and pretty much every important minor course. Once again, it depends on how well-versed you are with your resume.

Other Relevant Information:

ZS conducted a case study previously on campus and it was very useful in tackling the case discussion round since that was the methodology that was required to go through with it. I would suggest every student to attend it if interested in attending their placements. Additionally, on guesstimates etc, it is important to come up with a number at the end of the day rather than just the thought process, ie, often come up with a number as soon as possible rather than putting too much emphasis on the logic since the likely cases is that the logic is flawed. Otherwise it is very important to be concrete on your resume on all fronts.





DOMAIN

BF





Axxela

Sector: Banking and Finance

Name: Kumar Utkarsh (2016A4PS0325H)

Company: Axxela

Role: Trainee - Analyst

Mode: On- campus

Recruitment Procedure

- **Round 1:** Computer Based exam

This was divided into two parts - Section 1 was purely math oriented and had 30 questions, which was supposed to be solved within 6 minutes. The math was fairly simple but lengthy questions, so the trick was to solve the ones which take the least time. It is extremely important to know which questions to be left and move on quickly as this is a differentiator round. Section 2 was for 24 minutes and had about 20 questions which were not that hard either.

- **Round 2:** Group discussion

We were asked to predict and trade on the sum of digits of a virtual note with an aim to make a profit, while maintaining a balance between bought and sold shares. You need to maintain your composure throughout the round.

- **Round 3:** One-on-one interview

Questions were asked, targeting my CV apart from the basic HR ones. A couple of mental multiplication sums were asked and I was given 1 minute to memorize a 20-digit number and recite it without seeing. I had no finance questions coming my way as I had no minor in Finance.

Sources of preparation: Fundamental math tricks and trading concepts.

Other relevant information: Adaptability and stress management are important.





Goldman Sachs

Sector: IT

Name: Disha Gupta

Company: Goldman Sachs

Role: Analyst

Mode of Offer: Summer Internship (PPO)

Recruitment Procedure: (1 Coding , 3 Technical, 1 HR Round)

- So in coding round questions were asked on basic tree, compilers and time complexity.
- Technical Round:
 - First was a speed coding round.
I was given questions, I had to just tell the logic of as many as I could.
 - Second round was mostly resume review and explaining my credentials.
 - I was interested in the company's finance domain as well so the third round was sharing what I would bring to the company, and discussing current affairs and their implications.
- HR Round: I was asked if I had any questions.

Sources of Preparation : Online courses, GFG

Courses and Certification:

Java, IB (Investment Banking), Kafka, Flink, FM (Financial Modelling)

Finance courses from udemy and books, Java, OS, Compilers from college and edx
Kafka flink from udemy, I wasn't supposed to know this but since Goldman Sachs is an Investment Bank and deals with Big data, they were interested to know this.





JPMC

Industry: BF

Name: Ashank Sharma (2016A7PS0107H)

Company: JPMC

Role: Full Time Analyst

Mode of Offer: Summer Internship (PPO)

Recruitment Procedure(SI):

1. Coding Test - This test had questions based on OOP, DSA(pointers, linked lists, string manipulation and so on) and DBMS(ACID properties)
2. There were 2 technical rounds where questions were mainly asked based on projects done so far and basic puzzle questions. There was a HR round where basic questions about family background and such were asked.

Sources of Preparation:

GeeksForGeeks is really useful for handling coding questions and technical rounds. In-depth knowledge of courses like ML and DSA was very useful.

Internship Experience:

As a summer intern at JPMC, I was expected to have a proper understanding of the company structure. I was given a project on developing ML models for classification of financial documents. I also had to run some NLP use-cases. Having a work ethic and good communication skills are very important in the workplace. I had very good relationships with my mentor and manager, which was key in securing my PPO.

Other Relevant Information:

I was well-versed in courses like DSA and ML, which matched the profile that JPMC was looking for. It is essential to have a complete understanding of all the projects and courses mentioned in your resume. Practise is key when it comes to DSA, so try to solve as many problems as possible. I personally preferred GeeksForGeeks for the same.





DOMAIN

CHEMICAL





An Overview

In the first semester 2019-20, we saw 2 companies coming for placements from the Chemical Domain. There were a total of 4 students placed in the Chemical Industry through the placement process. Exxon Mobil and Pokarna saw similar recruitment procedures. There was an initial shortlist followed by a test, a GD round and Technical and HR Interviews.

Apart from this, Reliance Industries Limited had 3 selects through Summer Internship PPO.





Exxon Mobil

Industry: Chemical

Name: Piyush Sharma (2016A1PS0547H)

Company: Exxon Mobil

Role: Upstream Engineer

Mode of Offer: On-Campus Recruitment

Recruitment Procedure:

1. Resume Shortlist
2. Test:

The test had 3 sections: English, Mental Ability and Technical. Each section had its own cutoff. The test is very similar to the ones on CoCubes platform that you get in the 15-day period of placement training before the companies come in.

3. GD Round:

This was the elimination round. The topic given was simple and each candidate was judged on the basis of:

- a. Taking initiative
- b. Team Spirit
- c. Whether the candidate has a firm stand
- d. Confidence and ability to lead the discussion

4. Interview:

- a. The technical part of the interview was based completely on my resume and the level of grasp you have on each Project/ Course mentioned on it.
- b. The HR section of the interview was aimed at checking whether a person can work in a team and become a leader.

Sources of Preparation:

1. The placement training should suffice for mental ability and english.
2. For the technical part, I referred to my notes and a few textbooks. I personally found the book Unit Operations of Chemical Engineering to be extremely useful.
3. GATE books.
4. Apart from that, I referred to [NPTEL videos](#) in case I needed further insights in a particular subject.





Other Relevant Information:

I would suggest all students interested in a core chemical engineering profile to be strong in their basics. An internship in petchem would work as an added bonus in the learning process. It is necessary for a candidate to have a holistic understanding of every topic and project mentioned in their resume as most companies are mainly interested in the work that the candidate has already done in the field and their understanding of it. Apart from that, a relaxed and confident composure would help get through any interview/GD round.





Industry: Chemical

Name: Konark Joshi (2016A4PS0176H)

Company: Exxon Mobil

Role: Upstream Engineer

Mode of Offer: On-Campus Recruitment

Recruitment Procedure: The hiring process involved:

1. Resume shortlisting- GPA cutoff of 7.5
2. Online Test at BPHC- Quant, Apt and Technical. Questions were multiple choice with a single correct option and didn't involve much calculation. The technical questions were focussed on core subjects especially from 2nd year including Fluid Mechanics, Solid Mechanics, Thermodynamics, Heat Transfer.
3. Group Discussion at BPGC- Was combined for Goa and Hyderabad and included students from both Chemical as well as Mechanical engineering. The topics are basic. I would suggest everyone be accustomed with current affairs. They mainly evaluated each candidate's
4. Personal Interview at BPGC: Resume based
 - They asked for a brief self-introduction and about my family background.
 - They asked what my favourite course was and why
 - Questions based on the project done during my Summer Internship.
 - POR: About the role, learnings, acquisition of soft-skills, questions on sponsorship, management, subordinate conflict resolution.
 - A situational question was asked to gauge the inclination of the candidate.

Sources of Preparation:

Second and Third year Lecture notes. GATE books for problem-solving.

Aptitude test series organized by PU.

Other Relevant Information:

In the petroleum industry, the upstream sector deals with exploration and production. Know in and out of your resume. Do not mention anything you aren't confident about, they'll surely catch you. Have a sound understanding of all topics relevant to your projects and internships. Keep in mind that a POR will add value if and only if you are technically sound. Keep track of current affairs by reading a newspaper regularly. Focus on improving your communication skills. Especially make sure to not try to dominate in a GD. Practice sessions organised by PU will be useful. Take them seriously.





Industry: Chemical

Name: Shreya Saxena (2016A4PS0367H)

Company: Exxon Mobil

Role: Upstream Engineer

Mode of Offer: On-Campus Recruitment

Recruitment Procedure: The hiring process involved:

1. Resume shortlisting - GPA cutoff of 7.5
2. Online Test - The test was divided into quant, aptitude and technical sections. The technical section mainly had theory-based questions.
3. Group Discussion - The topics given were mainly related to current affairs. They mainly evaluated each candidate's communication skills and teamwork
4. Personal Interview:
 - a. I was thoroughly grilled on all the projects that I had worked on under the campus faculty and in internships.
 - b. They asked what my favourite course was and the reasoning behind it.
 - c. Some basic HR questions about family background.

Sources of Preparation:

1. Second and Third year Lecture notes.
2. Aptitude test series organized by PU along with their mock GD and interview sessions.
3. A thorough understanding of all the projects and courses mentioned in my resume. I went back and revised all of my project reports to brush up on the specifics.

Other Relevant Information:

For GD, don't try to put up a lot of points. Just try to put some valuable points and pay attention to the contribution of each member. Make sure to use decent language throughout it. Have a thorough understanding of everything mentioned in your resume.





Pokarna

Industry: Chemical

Name: Piyush Soni

Company: Pokarna

Role: R&D Assistant Manager

Mode of Offer: On-Campus

Recruitment Procedure:

- An aptitude based test for which most Placement training should very well suffice is the first round.
- The second round is a written exam in which core concepts are tested. A very basic refreshing of the core concepts ought to be enough for this round and was more than enough for me specifically.
- The third round was a GD. It wasn't strictly technical.
- The last was an interview with a 70-30 percent HR-Technical cutoff.

Sources of Preparation:

The regular classes work wonders for most of the technical oriented questions. Additionally, the PU training and the platform portal that is made available during training helps a lot to refresh and revise concepts quickly without going back to the books all the time.

It is always worthwhile to revise on your CV and projects to be rock-solid during the interviews since questions can come from anywhere as long as it is evident that it will be there in your resume.

Other Relevant Information:

They give a lot of importance to the projects that you have done in your college. More than your regular concepts, if you have done a project, the concepts learnt during it will be heavily tested and it's crucial to have very good knowledge and proper reasoning in your entire project completely. The interview round might even possibly consist of technical questions only pertaining to your projects so it is paramount that you are well-versed in it.





Reliance Industries Limited

Industry: Chemical

Name: Prateek Dasgupta (2016A1PS0602H)

Company: Reliance Industries Limited

Role: Petchem Engineer (GET)

Mode of Offer: Summer Internship (PPO)

Recruitment Procedure:

1. Online Test (1 hr): MCQs based
 - Two parts- Aptitude (30 ques) and Technical (50 ques) of 30 mins. each.
 - Each candidate needs to complete the aptitude section first before moving on to the technical section.
 - Aptitude Section: General questions, no specific preparation required
 - Technical Section: Questions mostly from 2nd year CDCs. Speed and accuracy is required. Basic concept questions.
2. Interview (HR + Technical):
 - Technical part of the interview was resume based only on projects and PS-I
 - Extensive question on PS-I work: its objective, methods employed and what was my contribution. (Note- Candidate did his PS-I in chemical domain only)
 - Question about my Data Science minor- Why?
 - General questions about Reliance & my future plans

Sources of Preparation:

1. Class Notes for Technical part
2. General Aptitude questions from any reliable source, though not needed.

Other Relevant Information:

I would suggest all the students to be thorough with basic concepts of 2nd year CDCs. Also, put only those projects, internships or skills in your resume for which you know every detail and have the complete understanding of it. Don't put unnecessary jargons. If you've done minor, be ready to defend it. Read about Reliance Industries also- their verticals, centres etc. Reliance particularly looks for the candidates interested in 'Chemical domain' not 'Research' so prepare your profile accordingly. They try to assess whether a candidate will join for the full time or not, if given PPO.





Industry: Chemical

Name: Shobhit Jain (2015B1A10817H)

Company: Reliance Industries Limited

Role: Petchem Engineer (GET)

Mode of Offer: Summer Internship (PPO)

Recruitment Procedure:

1. Online Test (1 hr):
 - MCQs based
 - Two parts- Aptitude (30 ques) and Technical (50 ques) of 30 mins. each.
 - Each candidate needs to complete the aptitude section first before moving on to the technical section.
 - Aptitude Section: General questions, no specific preparation required
 - Technical Section: Questions mostly from 2nd year CDCs. Speed and accuracy is required. Basic concept questions.
2. Interview (HR + Technical):
 - Technical part of the interview was resume based only on projects and PS-I
 - Extensive question on Projects & PS-I work
 - Focus on subjects like Heat Transfer, Mass Transfer, PDC & PDP
 - General questions about Reliance
 - General questions about future plans

Sources of Preparation:

1. Class Notes for Technical part
2. General Aptitude questions from any reliable source, though not needed.

Other Relevant Information:

I would suggest all the students to be thorough with basic concepts of Chemical CDCs. Also, put only those projects, internships or skills in your resume for which you know every detail and have the complete understanding of it. Don't put unnecessary jargons. Read about Reliance Industries also- their verticals, centres etc. Reliance particularly looks for the candidates interested in 'Chemical domain' not 'Research' so prepare your profile accordingly. During the interview, they try to assess whether a candidate will join for the full time or not, if given PPO. You should be confident and honest about your answers.





Internship Experience & Suggestions:

MY 8 weeks at RIL allowed me to grow personally, but it also helped me to gain new skills in basic industrial work and employee relationships—experience that I did not previously have. My project was on the LDPE Cost Sheet. I also gained a better understanding of the chemical industry, made a new network, and gained a few new references for the future. But most importantly, I gained a new sense of professionalism and a clearer view of what it meant to be in the professional world.

For getting PPO you have to be honest and dedicated toward work and project, regularly updating the mentor and manager. Updating them how you are approaching the project, shows the approaches that you have made and how it resulted. Always when in doubt just clear them by approaching. Try to finish your project deliverables by 7th week as last week of internship would be presentation of project in front to manager and plant head's (the one who decide to give PPO to individual)





DOMAIN

CO





An Overview

The CO Domain saw two companies coming for placements. 4 students were taken in total in the industry. Ninjacart saw one selected for the role of an APM. There was an initial aptitude test followed by the technical and HR interview. The questions asked were mainly related to guesstimates and case studies. Tyfone selected a total of 3 students for the role of an APM.





Ninjacart

Name: Shreyansh Agarwal

Role: Associate Product Manager

Mode of Offer: On-campus

Recruitment Procedure:

1. First round was an aptitude test followed by two rounds of interview- technical and hr.
2. The first round consisted of a guesstimate problem and a case study. The second round consisted of common HR questions and a question on how to increase trust of their clients with the company.

Sources of Preparation:

[Denis Sasal](#) Interview Preparation channel

Courses and Certification:

Nothing in particular

Other Relevant Information:

Research well about the company and it's business properly as you can directly be asked questions from that. Practice guesstimates and case studies well





Tyfone

Sector: Non-tech

Name: Aishwarya Bharathi Rebelly

Company: Tyfone

Profile: Associate Account Manager

Recruitment Procedure:

- Technical Interview,
- HR Interview

So in my interview I said I'd like to be in client facing roles, so they thought I'd be better suited for AAM rather than APM.

They didn't ask product related questions.

They presented certain situations and asked me how I would tackle the challenges.

Like for example if my team isn't able to deliver something on time and the client is pressuring on the deadlines then how I would handle it.

I wasn't asked any typical guesstimates or case studies.

Sources of Preparation: Case Study Material

Courses and Certification: Minor in Public Policy, Summer School at London School of Economics

Other Relevant Information: The interview was based on situation based problem solving. Answering on the basis of personal experience helped.

APM is someone who deals with the product development

AAM is someone who handles the clients





Sector: Non-tech

Name: Arvind Athreya

Company: Tyfone

Profile: Associate Product Manager

Recruitment Procedure:

- **Technical Interview**

Since aptitude, critical thinking and problem solving is an integral part of APM. I thought poker combines it beautifully which was my strength. I wasn't asked any projects at all, but almost everyone else was.

- **HR Interview**

Tell me about yourself?

Most of the other questions were follow up about this..

Sources of Preparation:

- The preparation involves a lot of what you would do for a consulting role.
- Understanding a problem, getting to the root of it and fixing it suitably with certain constraints, basically practice a lot of different case studies to shape your thinking. For this you may use:
 - Case interviews cracked
 - Victor cheng videos (first)
 - ISB consulting guide (I found this the best)
 - Lot of other case interview books as suggested by PD

Other Relevant Information:

As far as APM is concerned, be in touch with the most popular products in use, be inquisitive, think why one is successful while the other is not.

Compare similar products, see if you can identify 'why' something is so, know the roadmap of a product etc.

Most importantly understand the psychological part of the consumer psyche, that is what they value. To begin thinking in that direction, I used.

- The design of everyday things
- Hooked- How to build habit forming products





Interview pointers to work on (Tyfone especially, but I guess most of these would be useful for any company).

1. Although technical knowledge is necessary, it's nowhere near as important as your ability to communicate clearly.
2. Treat an interview like a conversation with a free flow of ideas. Smile, maintain good posture and body language
3. No one is perfect in every aspect. So knowing your strengths (pertaining to the role) and weaknesses (professional not personal) is absolute key.
4. Try to steer the conversation away from your weak area towards your strengths so that you may show your best side.
5. Don't be afraid to admit that you're wrong or don't know something. State it after giving it some thought and provide inputs on what you can offer.
6. Don't ever make excuses about anything (be it your cg or anything else that might come up). It just gives negative vibes. Be frank and upfront about the reasons, but also address what you might've learnt/understood from it and how you have progressed.
7. Try to stand apart in some way (could be your attire/style of communication/ achievement/insightful questions etc.). Think, why would they want to hire you instead of all the others?
8. Read up everything about the company, it's origin, hierarchy, what products/services they offer, and if possible try to find something that you would improve upon, or a suggestion etc. It makes quite an impression.





DOMAIN

ET





An Overview

In total, 9 ET companies visited our campus during summer internship and placement drive. Out of these, there were 14(B.E.) selects. Generally an online test was conducted and followed by 2-3 rounds of interviews. Most of the companies had 2 technical rounds at least with some exceptions. The questions asked in the interview were mainly around Digital Design, Basic Electronics, Analog Devices, Comp Arch, ADVD, FPGA lab , Embedded systems etc. The selected candidates mentioned that they prepared from various sources like Class Notes, GATE Materials, GeeksForGeeks (For C Programming) and puzzles from various sources. Core projects were asked in detail if they were matching company profiles.

.





Analog Devices

Sector: ET

Name: Harish Nagisetty

Company: Analog Devices

Profile: RTL Design

Recruitment Procedure:

Pen & Paper test, video-conferencing interviews, personal interviews & discussions with director and HR.

- Digital design and IC design concepts.
- Questions were about "How to achieve this waveform?",
- Timing constraints- max clock speed,
- How to achieve setup/ hold constraint?,
- Latch based design,
- Design a 256 bit barrel shifter,
- Design a way to count this series, etc. many puzzle questions too.

Sources of Preparation:

Any digital design book, VLSI/Digital IC design book, basic electronics.

Other Relevant Information:

Company culture is highly technical. For me, the first three interviews were purely about electronics with some logical reasoning questions. Learn about the team you're interviewing with. My team was very interested in DSA





Ion Energy

Sector: ET

Name: M Srinivasan (2016A3PS0283H)

Company: Ion Energy

Role: Engineering Development Group

Mode of Offer: On-Campus

Recruitment Procedure:

There were four rounds, an online test, a technical interview, a managerial interview and an HR interview with each round being eliminative in nature

Sources of Preparation:

- Material given by PU for guesstimates and case studies.
- GeeksForGeeks top 100 puzzles for preparation.
- Basic Revision of All Phoenix courses like DD, Computer Architecture, ED, MEC, etc.

Other Relevant Information:

You should be well acquainted with at least one of MATLAB or Python. Having a SI really helped me but in case you do not have then do some good projects.





Mathworks

Industry: ET

Name: Pappu Venkata Rohit

Role: Engineering Development Group

Mode of Offer: On-campus placement

Recruitment Procedure:

There were four rounds, an online test, a technical interview, a managerial interview and an HR interview with each round being eliminative in nature.

The most important part to consider is that Mathworks is a huge company and we were given a list of subdomains from which we could choose what to be tested on so that is a very important decision to take. Since Image processing was what I had predominantly worked for, I was asked extensively questions from it.

Sources of Preparation:

- The online test consisted of an aptitude test, basic electronics questions, coding questions of which we were given a choice to pick two languages from a total of three (C/C++/Java), and bonus questions in MATLAB.
- Since I am an E&I student and my PS-1 project dealt with a mini-IoT project, I was also asked extensively on it as well.
- Your 3-1 CDCs are very important and it frankly depends on the subdomain you take. However, MATLAB was very important and I was faced with a lot of questions regularly, i.e, you are expected to know it.
- Aptitude test preparation was conducted by the PU and additionally, extra classes conducted together with Phoenix faculty definitely helps a lot and I would recommend it highly. Geekforgeeks is very helpful for C programming tutorials as well.

Courses and Certification:

Dependent on your subdomain. In my case, it was mostly DIP and I was also asked to give an overview of my projects. An overview of your 3-1 CDCs help for most questions related to non-specific questions.





Other Relevant Information:

Chances are they will ask during your HR/managerial interview about your CGPA and if it is high, it is inevitable that the question of higher studies will be asked either directly or indirectly. It is a matter of how well you can assure the interviewers as well. Additionally, consider a lot when you specify on the sub-domain since they can ask quite rigorously during the Technical interview on these topics. The managerial round in a personal opinion was on the easier side, relating to travel conditions, training facilities, a lot of “if-selected” questions.





Name: Spandana

Company: Mathworks

Role: Engineering Development Group

Mode of Offer: On campus placement

Recruitment Procedure:

There were four rounds, an online test, a technical interview, a managerial interview and an HR interview with each round being eliminative in nature.

The most important part to consider is that Mathworks is a huge company and we were given a list of subdomains from which we could choose what to be tested on so that is a very important decision to take.

Sources of Preparation:

The aptitude tests preparation is taken up by the Placement Unit and their online platform that they provide is very helpful for anticipating/solving questions similar to ones being asked. Additionally, geekforgeeks, and the slides given by the professors themselves are very useful to solve most of the questions from the technical round. Sites like glassdoor or simply googling simple queries usually pop up results about how to approach a particular company for their placements.

Courses and Certification:

Since I had asked for such domains, my questions generally came from courses such as Control Systems, Digital Systems Processing and Digital Design.

Other Relevant Information:

Although it may not seem like it, the HR and Managerial rounds are very important and it is always necessary to have an answer to the question of “Why are n’t you pursuing higher studies?” in some form or the other. This will be asked and how well you can convince someone plays a very important role.

Additionally, this is basic, but everyone should go through the company website as it will help in multiple ways. First, it will help you associate better with their current ongoing projects. Next, it will help in informing the panel that you have done your homework. Third, it will help you gain a better interest and understanding to see the application of different fields discussed in class.





Micron

Sector: ET

Name: Naveen Kumar Vankadara (2016A3PS0313H)

Company: Micron

Profile: ET

Recruitment Procedure: The recruitment procedure for this company for me involved three rounds of interview, which were preceded by an online test. Each interview round was around an hour. All the other applicants had only two interview rounds, but I had to go through three before being selected.

1. **Online Test:** The online test had three sections: aptitude (logical reasoning and mental ability), electronics (digital design and some analogue electronics) and some coding questions. The coding questions in the test were mainly MCQ-type and based on the C-language, and we didn't have to write code. Mostly along the lines of choosing the correct code snippet out of the options and completing functions.
2. **Round 1:** The first round was mainly focussed on C-programming. I was asked a bunch of simple questions and asked to write code snippets in C for them. They also asked me a bit about the one CS project I had on my resume: building a GUI application for IGCAR during my PS1. Nothing too deep - just the basics like what frameworks did you use, how did you integrate stuff, and basic stuff like that. After this, they asked me a couple of HR-style questions at the end. What technical stuff did you do outside of your coursework? Why aren't you going for masters with your high CG? For the first question, I explained a couple of informal projects I'd done over the years and for the second I said that I preferred seeing things I do in action, something that's possible in the industry because you work on building products that are immediately used.
3. **Round 2:** The second round was taken by the project head at Micron, and mainly focussed on design questions. For almost any core electronics profile, you have two types of questions you'll be asked: coding or design. Design questions are along the lines of what you'd expect in a DD exam paper - slightly harder, though. Make sure to take your time and do things thoroughly - the interviewer tried to shake my confidence in one of my designs by questioning its correctness repeatedly, but I stood my ground. It turned out I was right and he was just testing me. The project head, who was the interviewer for this round, just asked me these and didn't bother looking at my resume or projects.
4. **Round 3:** Round three was kind of shorter than the previous rounds and exclusively tested my Verilog coding skills and the basics of ADVD. They also asked a little about my projects, but not too much.





Sources of Preparation:

- For the electronics stuff, I primarily prepared from my textbooks, since I would've read them before while doing the course and revising is simpler. Other people might've used GATE or other sources of information, but I didn't. College courses that I found helpful include DD, ADVD, Computer Architecture, and FPGA Lab.
- For the aptitude test, I didn't prepare much in advance - just did the tests that they have during placement training.
- Preparing for the programming/C questions: GeeksForGeeks

Courses and Certifications:

No external courses or certifications.

Other Relevant Information:

1. Try to avoid putting in course projects on your resume unless you've actually done them. Most people tend to finish course projects in the last minute without much thoroughness, in which case it'll be hard for you to answer stuff asked about it.
2. Only one B.E. student and two M.E. students were selected for this role through interviews. One more B.E. student (Akhil Raj Baranwal) was offered a PPO after working as a summer intern there last semester.
3. **Summer Intern PPO:** A total of four students from our campus (2 ME Microelectronics students + 1 BE CS student and Akhil Raj Baranwal, who is in B.E. ENI) interned at Micron last summer. Akhil managed to convert and get the PPO. While there was no exact interview process for people selected through Summer Intern, for Akhil, the company invited him over and let him interact with multiple teams for 3-4 hours before offering the PPO.





Qualcomm

Name: Ishan Bansal

Profile: Software

Company: Qualcomm

Mode of Offer: On-campus

Recruitment Procedure:

1. The first round is the online test consisting of 60 questions from three sections- Aptitude(20), Basic **C** programming(20) -and the third section having choice among Hardware, Software and Communication. This section had 10 questions.
2. There were three rounds, first two technical and one hr. First round consisted of questions from my internship experience at Sandisk and PS - 1. Few basic DSA questions in C were asked. The second round consisted of standard questions from OS, MicroProcessors and Computer Architecture. The third round was the HR round where basic HR questions were asked.

Sources of Preparation:

GeeksForGeeks for DSA in the C language. Revise AVL Trees and Tries as they were asked in the online test.

Courses and Certification:

Operating Systems, MicroProcessors and Computer Architecture and basic C programming.

Other Relevant Information:

Qualcomm is a C language specific company. Courses like Communication systems, communication networks taught here are not enough to crack the communications section of the online test, so choose the sections in the online test wisely.





Name: Shamili Swetha Kollipara

Profile: Hardware

Company: Qualcomm

Mode of Offer: On-campus

Recruitment Procedure:

3. The first round is the online test consisting of 60 questions from three sections- Aptitude(20), Basic **C** programming(20) and the third section having choice among Hardware, Software and Communication. This section had 10 questions. I chose Hardware and the questions were mostly from OS, Microprocessors and Computer Architecture.
4. There were three rounds, first two technical and one hr. First round consisted of questions from Computer Architecture and I was asked to explain any topic of my choice. The second round consisted of standard questions from ED and ADVD. The third round was the hr round where basic hr questions were asked.

Sources of Preparation:

Class Notes and Slides for Computer Architecture, Microprocessors, OS.
MyCodeSchool YouTube channel for basic C language programming.

Courses and Certification:

Most important courses are OS, Microprocessors and Computer Architecture. Revise ADVD, ED and MEC thoroughly if you have taken these electives.

Other Relevant Information:

Focus on basics, prepare a topic of your choice as you may be asked in-depth from it.





Name: Shantanu Upadhaya

Profile: Hardware

Company: Qualcomm

Mode of Offer: On-campus

Recruitment Procedure:

5. The first round is the online test consisting of 60 questions from three sections- Aptitude(20), Basic C programming(20) -and the third section having choice among Hardware, Software and Communication. This section had 10 questions. In Hardware - most of the questions were from Digital Design, basic boolean logic, k-maps
6. There were three rounds, first two technical and one hr. First round consisted of questions from DD, MicroProcessors, Computer Architecture and ADVD. Second round focused mostly on discussion about projects and internships. The final round consisted of basic hr questions.

Sources of Preparation:

Website- www.indiabix.com for aptitude, Previous year GATE questions for core courses

Courses and Certification:

Digital Design, MicroProcessor and Interfacing, Computer Architecture, Object Oriented Programming, Analog Digital VLSI Design

Other Relevant Information:

Some important topics -;

- Digital Design: Design of gates and combinational circuits using Mux, Sequential Circuits, Static Timing Analysis, k-maps, concept of state machine, hold time setup time violations.
- Microprocessors and Interfacing: Most of the questions come from Digital Design in written round but a few come from this topic as well. Asm, Interrupts, Ram
- Computer Architecture: Pipeline concept, Verilog, Cache
- ADVD: Design of various circuits using CMOS Logic, pass transistor logic, adders, Read rabaey for interview thoroughly





Signalchip

Sector: ET

Name: Rajat Kumar Behera (2016A3PS0291H)

Company: Signalchip

Role: Engineering Development Group

Mode of Offer: On-Campus

Recruitment Procedure:

There were four rounds, an online test, a technical interview, a managerial interview and an HR interview with each round being eliminative in nature

Sources of Preparation:

1. Training organised by PU.
2. GeeksForGeeks archives
3. Basic Revision of Important Phoenix courses like DD, Computer Architecture, ED, MEC, etc.

Other Relevant Information:

Having good projects is an add-on. You should be well acquainted with at least one of MATLAB or Python.





Toshiba

Industry: ET

Name: Chappidi Sai Revanth Reddy (2016A3PS0286H)

Company: Toshiba

Role: Associate Software Engineer

Mode of Offer: On-Campus Recruitment

Recruitment Procedure:

1. Initial resume shortlist
2. Online test - The test had 2 sections.
 - a. MCQ section - Some regular syntax based questions on C. Questions were mainly asked from Operating Systems, Computer Architecture, Microprocessors and OOP.
 - b. Submitting a code.
3. Interview - I was asked questions based on the things mentioned on my resume like previous projects and my summer internship at Sandisk. Apart from that, some regular questions based on data structures basics, C and Operating systems were asked. The main focus was on the kind of work done in previous projects and how the candidate would handle problems. The HR round had some basic questions. They mainly wanted to ensure that the candidate was not planning to leave for MS anytime soon. They asked about previous projects and internships as well. The key with this is to be confident about past work.

Sources of Preparation:

GeeksForGeeks is really useful for handling the coding related questions. Apart from that, I found that a thorough understanding of the things mentioned in my resume would suffice. Understanding all the topics mentioned in the company presentation (C, OS and basics of DSA) for the given profile is key.

Courses and Certifications:

While I did not receive any certification from a particular course, I found that knowledge of courses taught on campus like OOP, OS, Computer Architecture, Microprocessors and Interfacing and DSA would greatly help considering that it is a firmware role.





Other Relevant Information:

As the profile was firmware, a heavy focus needs to be placed on Operating Systems and Computer Architecture. The candidate needs to be confident about everything mentioned in his/her resume as most questions asked in the interview would be based on the work done by them previously.





Industry: ET

Name: Shanmukh N (2016AAPS0030H)

Company: Toshiba

Role: Associate Software Engineer

Mode of Offer: On-Campus Recruitment

Recruitment Procedure:

1. Initial resume shortlist
2. Online test - The test had questions based on OOP, digital electronics. Computer architecture, microprocessors and embedded systems. There was also a section on C.
3. Interview - The tech round started rather casually. I was asked questions based on the contents of my resume. It was mainly a conversation to ensure I knew my projects inside-out. He then asked if I had any questions. I asked something about electronic devices that was mentioned in the presentation, to which he responded by explaining the entire physics behind the component. He then asked one final question. Asked me for a random 4 byte hex number to be written on the board. Take two 4 byte memory blocks with each cell of 1 byte. And store that number in little endian and big endian formats.
 - The HR round was pretty basic. They asked about general interests and family background. They kept coming back to future plans multiple times until they were sure I wouldn't leave for MS.

Sources of Preparation:

1. GeeksForGeeks is really useful for handling the coding related questions on DSA and C programming.
2. I revised my class notes for courses like DD, Microprocessors, Digital Electronics and mainly C programming. It is also helpful to know computer architecture and embedded systems.

Courses and Certifications:

While I did not receive any certification from a particular course, I found that knowledge of courses taught on campus like OOP, OS, Computer Architecture, Microprocessors and Interfacing and DSA would greatly help considering that it is a firmware role.





Other Relevant Information:

The basics matter a lot. Make sure you have a thorough understanding of everything you put up on your resume. Only put up the courses that match the profile required by the company on your resume. Make sure to listen to the placement lecture. That is very essential as they also mention the knowledge requirements and will help you boost your last minute preparation. Most importantly, be honest. If you don't know something asked in the interview, let the interviewers know. They appreciate honesty above all and will catch you if you try to lie.





Western Digital

Industry: Electronics

Name: Harish Nagishetty (2016A8PS0331H)

Company: Western Digital Corporation (Sandisk)

Role: Digital & Firmware Engineer

Mode of Offer: Summer Internship (PPO)

Recruitment Procedure:

1. Online Test: Around 60 questions total on the following topics- Logical Reasoning, Algorithms, Operating Systems, Analog Electronics / Basic Electronics, Digital Design, etc.
2. Interview (Telephonic): 50% of the interview was puzzles and rest 50% was technical. They asked me about my interest to which I mentioned RTL Design. Some of the questions that I remember are:
 - Explain the difference between synchronous and async reset for register. Which one would we prefer? Which one would take less area/power.
 - Blocking and non-blocking assignment in Verilog.
 - Do you know what a FIFO buffer is? What type of features must a FIFO buffer have? What input and output signals would it have?
 - How would you detect this sequence?
 - Do you know what an LFSR is?

Sources of Preparation:

Textbook and Class Notes of every mentioned topics

Other Relevant Information:

Interview really matters a lot. Thoroughly prepare the mentioned topics and practice puzzles from reliable sources.





General Internship Experience & Suggestions:

- Most of the work that happens in India is related to firmware. The ASIC team of which I was part of, is relatively small. Majority of WDC India is in systems design. Systems design activities include firmware development, algorithms development, TLM (Transaction Level Modeling)/Architectural Modelling, etc. They also have reliability engg. teams, and small board design, SI/PI teams, FPGA simulation teams.
- All summer interns were assigned to teams (randomly). Most of us were placed in RPG (Removable Products Group - SD cards, USB drives, etc). I was with a memory systems team, where they design techniques to use flash memory efficiently.
- Key skills which are relevant to this team are:
 - Understanding of NAND flash structure
 - Knowledge of C / embedded firmware techniques
 - General programming - Python/Excel
- Other skills that may be helpful:
 - Understanding of FPGA prototyping
 - User level knowledge of Linux systems
 - Understanding of device driver

In short, to get the internship, focus on:

- Digital Design, General Electronics
- Operating Systems & Algorithms (complexity) - for test

There is no way/reason to prepare for the actual internship. Just be sure to do (or appear to do) a good job and impress the manager, director and team. HR also plays a significant role in making offers.





DOMAIN

INFRASTRUCTURE





An Overview

In the first semester 2019-20, we saw 3 companies coming for placements from the Infrastructure Domain. There were a total of 12 students placed in the Chemical Industry:

1. Aurigo saw a total of 10 selects. There was an initial shortlist followed by a test, a GD round and Technical and HR Interviews. They offered all their selects the role of Business Analyst. The questions asked were mainly pertaining to the resume of each candidate that applied.
2. L&T construction accepted two selects for the role of Graduate Engineer Trainee. There was an initial aptitude test followed by a written test, a GD and the final technical and HR interviews. The candidates were mainly quizzed on their logical reasoning and the concepts which are very vital for GATE as well. This company has little more preference for the candidates with high CGPA.





Aurigo

Industry: Infrastructure

Name: Manasa Reddy Jambula

Company: Aurigo

Role: Business Analyst

Mode of Offer: On-Campus Recruitment

Recruitment Procedure:

- The first was an aptitude test. In addition to all the regular quant type questions, there was also an optional segment with basic coding questions that we were later asked to not attempt.
- Three rounds of interviews. Most of the interviews were frankly not too strenuous and the key testing methods were guesstimates, mini-case studies, and questions over one's CV and how well you are able to validate what is mentioned.

Sources of Preparation:

The best mode of preparation would be to involve in more case studies, and to give a certain emphasis on puzzles and guesstimates. Also be very prepared in all of your resume, and the aptitude test can be well prepared for while attending placement training itself.

Courses and Certification: Questions pertaining to courses I had done only came from a courses project I had done as part of Business Analysis & Valuation (BAV), otherwise the questions were often quite broad and didn't require specific expertise in a subject.

Other Relevant Information: I believe that one of the questions asked was asked to all the candidates which I was specifically able to solve because I remembered a key concept from Machine Learning. In my personal opinion, I think this was quite relevant but I cannot be certain.





Industry: Infrastructure

Name: Macherla Pavan Teja

Company: Aurigo

Role: Business Analyst

Mode of Offer: On-Campus Recruitment

Recruitment Procedure:

- The first was an aptitude test. In addition to all the regular quant type questions, there was also an optional segment with basic coding questions that we were later asked to not attempt.
- Three rounds of interviews.

Sources of Preparation:

The best mode of preparation would be to involve in more case studies, and to give a certain emphasis on puzzles and guesstimates. Also be very prepared in all of your resume, including Positions of responsibilities, and the aptitude test can be well prepared for while attending placement training itself. A bit of coding prep will definitely help in every case.

Courses and Certification:

Questions pertaining to courses I had done only came from a courses project I had done as part of Business Analysis & Valuation (BAV), otherwise the questions were often quite broad and didn't require specific expertise in a subject.

Other Relevant Information:

There were times where in my particular case, my PORs were discussed and I believe that the points discussed over managing Firewallz had helped me specifically. Additionally, There was a particular case study workshop that was taken in mine 3-2 whose details I don't recollect specifically, but I feel that the methodology that I learnt from the particular workshop helped me a lot since I had to answer nearly 7-8 case study questions in total.





L&T construction

Industry: Infrastructure

Name: Himanshu Singh (2016A2PS0608H)

Company: L&T Construction

Role: Graduate Engineer Trainee

Mode of Offer: On-Campus Recruitment

Recruitment Procedure: Aptitude test + 2 Technical +1 HR rounds

1. Aptitude Test: The test was basic and was similar to PU's aptitude tests.
2. Interview: They asked me to go through my resume. I was asked my favourite subject and thoroughly quizzed on it by one of the interviewers who had experience in the field. I could answer most of them and for the few that I couldn't answer, I frankly admitted to them. The other interviewer asked some basic questions from Materials. One Logical Reasoning question was to tell the approx volume of the room we were sitting in. The HR representative then gave me a fairly simple topic to speak about for a few minutes.

Sources of Preparation:

1. Tests provided by Placement Unit for aptitude.
2. I referred to my class notes to prepare 2 strong areas: Geology & Design of Concrete structures.
3. Basic online interview questions for Civil Engineers from Google.

Other Relevant Information:

L&T hires students as a GET(Graduate Engineer Trainee). You are trained by them for a year and then given a specialized role. I was also told that L&T usually prefers people with a higher CGPA. The placement training helped a lot in tackling scenario-based questions and in preparing responses when asked about MS plans. Aspiring candidates should focus on their strong areas as that is what would be of interest to the interviewer. Have a "learner attitude" and not to be over-confident in answering every question asked. There will be questions which you might not know, it's better to accept that. The interviewer will help you.





Industry: Infrastructure

Name: Nikhil Gupta (2016A2PS0603H)

Company: L&T Construction

Role: Graduate Engineer Trainee

Mode of Offer: On-Campus Recruitment

Recruitment Procedure:

1. Aptitude Test - The test was basic and was similar to any of the aptitude tests given by the Placement Unit
2. Interview - The panel consisted of 3 interviewers - 2 technical 1 HR. In the beginning they asked me about myself, family background and similar basic questions. I walked them through my resume. They asked why I chose particular civil electives. I had 2 major LOP's, the technical interview began from those. It started with Transportation engg and geotechnical engg(the two subjects i had projects in) and then later on went to some other subjects in the end. One of the members had several years of experience so he asked several in-depth questions regarding dimensions, limits and other such topics. I found that everything was within the course syllabus. The HR interviewer asked me a few questions and gave me a topic to speak on for a few minutes.

Sources of Preparation:

1. The company-specific tests provided by Placement Unit.
2. I mainly referred to a GATE book I had purchased (Trishna's Crack the GATE Series - Civil Engineering 2019). It had the basics and a detailed study of all the topics from the lecture slides and notes.

Other Relevant Information:

L&T hires students as a GET(Graduate Engineer Trainee) You are trained by them for a year and then given a specialized role. I was also told that L&T usually prefers people with a higher CGPA. Prepare well in one or two topics in civil in which you are really interested. Having some projects like an LOP or a DOP in civil helps a lot. Aptitude can be cleared easily but the technical interview will be really tough. So be prepared to face in-depth questions. Preparing from GATE books is really helpful. The mock interview by Placement Unit is really helpful to get a firsthand experience of placement interviews.





DOMAIN

IT





An Overview

Around twenty companies recruited from BITS Hyderabad in the IT sector in the first semester placements of 2019-20. The number of rounds in interview processes varied from 3-5 rounds (including the online test round), out of which a majority of them concentrated on problem solving and DSA. A survey conducted amongst a selection of the IT students who got placed for during the Semester 1 cycle this year found that after DSA (which was asked by all the companies), the most tested concepts were OOP (61% of processes) and OS (~46%) followed by DBMS (45% - mainly ER diagrams and SQL queries), followed by Networks (26%). A lot of companies also asked questions on System Design, while very few companies asked logical puzzles and trick questions that used to be the rage in IT recruitments a few years ago. Almost no company coming for the IT sector tested applicants specifically on Data Science (AI/ML) skills, other than asking about these areas if a candidate mentioned it in their projects section of the resume. For practising DSA, most people agreed that almost any source is okay - InterviewBit and GeeksForGeeks appear to be popular choices though. For system design also, GeeksForGeeks, along with Gaurav Sen videos were recommended by a couple of the candidates we talked to. One thing that has repeatedly been seen over the years is repetition of common interview questions company-wise - it's therefore recommended that you go through these chronicles for a company in detail before applying. Other sources of interview questions, company-wise, would be GFG (again) and Glassdoor. As a general trend, most non-CS students who got placed in IT, use two sources for learning CS concepts: slides and materials of CS courses on campus (Disco, DSA, OOP) and quick revisions from online sources. When it comes to online certifications for subjects, most people agreed that having an online certification would not help much in interviews, beyond the knowledge you gain while doing the course, which would be tested in interviews.

When it comes to the resume: most companies did not ask about CGPA, beyond the initial cutoff for applying. While most companies did ask candidates about projects on their resumes, most of them asked just a couple of questions, and did not focus on them extensively- as stressed on before, for IT interviews DSA is key. However this varies a bit company-wise: Flipkart, for example, didn't ask most candidates even a single question about their projects, while in Atlassian, almost one whole round was dedicated towards this. While most companies allowed candidates to solve the DSA questions as pseudocode, some companies (like Oracle, CipherCloud and Aurigo) asked candidates to write sections of their answers during the interview rounds in Java, while other companies like Fiorano and Uber let candidates choose between C++/Java (this, however isn't something to worry much about since most candidates said that interviewers cared about the correctness of the solutions over syntactic sugar)





Amazon

Name: Archit Mittal(2015B5AA0620H)

Company: Amazon

Profile: SDE

Mode of Offer: On-campus

Recruitment Procedure:

- The first round is a coding test and is basic in nature. A simple brush up on the basic concepts is sufficient. However, there is no specification on the language in which it should be attended either.
- There were four interviews held. All interviews were very technical in nature and heavily tested concepts from Data Structures, and also from DBMS, OS and Networks.

Sources of Preparation:

I had prepared from the classes in DSA most of the time. Additionally, I think that for the 4th round however, which is a bar-raiser round, they will test our line of thinking to see whether we can hold up in their office setting, so always be prepared by reviewing a lot of questions from any given site.

Courses and Certification:

I think the most crucial course is definitely DSA, and in my case, they asked specifically a lot from trees and graphs. A few easy questions from dynamic programming in DBMS will be asked but additionally, it is best to revise on Networks and OS and to expect questions from the same, but it is highly crucial to revise heavily on DSA..

Other Relevant Information:

Many people will think that your branch will matter, but it frankly does not. I didn't even take up DSA as a proper elective, but instead went for all classes and attended all the evaluative components at the discretion of the Faculty in charge. It is more important to show how well versed you are in the concepts rather than how good your grades are, what your branch is, or even if you have formally done the course anywhere.





Name: Gaurab Dasgupta (2016A3PS0255H)

Company: Amazon

Profile: SDE

Mode of Offer: On-campus

Recruitment Procedure:

- The first round is a coding test and is basic in nature. A simple brush up on the basic concepts is sufficient. However, there is no specification on the language in which it should be attended either.
- There were four interviews held. All interviews were very technical in nature and heavily tested concepts from Data Structures, and also from Discrete Structures, OS and OOP.

Sources of Preparation:

- The self preparation for DSA was from leetcode and Interviewbit, and a bit from Codeforces.
- The textbooks for OS were very good for preparation and for DBMS was from GATE video lectures by Sanchit Jain on Youtube.
- The Placement training was useful for measuring competition within one's own batch and hence understanding where one lies in their own batch. By conducting contests that the PU conducted, it also helped as a greater refresher on the concepts for the coding rounds..

Other Relevant Information:

There is something specific to Amazon called the Leadership Principles which, in a way is a sort of conditioning amongst the pre-existing staff but it is very important that the applicants should showcase that they fall in line somewhere or the other with what it states(a simple google search can tell about it) and hence be deemed as what one may call "an organisational fit".





Name: Monith Sourya R(2016A7PS0006H)

Company: Amazon

Role: SDE

Mode of Offer: Pre-placement Offer via Summer Internship

Recruitment Procedure:

- An online round which includes coding in Python/C++/Java, a few English language questions and mental ability.
- A 1 hour long interview where key concepts of Data structures, Data Science(for IR) and logic puzzles were asked.

Sources of Preparation:

In most of the questions, just a simple revision of key concepts will do it. For DSA questions however, Codeforces and HackerEarth should produce ample preparation for such questions.

Courses and Certification:

DSA is paramount. It is important to be well-versed in its concepts. If you have taken IR, it is good to be revised in its concepts as well since data science related questions can come from it.

Other Relevant Information:

Usually, it is important to understand that there will be a lot of variation since there were nearly 14 different interviewers and the styles of interviews will vary accordingly. It cannot be played around with but regardless it is something to keep in mind regardless. I think that since the interviewers in our case were generally on the younger side, they often are considerably more at ease than others. Additionally, we were asked to solve the questions on paper, sometimes even write the code itself. At times like this, it is important to be judicious with the space of paper given and be very tidy in your work as well.





Atlassian

Name: Vasu Garg

Company: Atlassian

Profile: SDE

Mode of Offer: On-campus

Recruitment Procedure:

- The first round is the online test consisting of three questions in DSA implementation.
- There were three rounds, all technical. First round consisted of questions from the resume, questions from Dynamic Programming and System Design. In the second round questions from OS and trees were asked. The third round was the DSA round where questions from Maps and tree traversals were asked.

Sources of Preparation:

Geekesforgeeks, Leetcode, Interviewbit, CodeForces

Courses and Certification:

Prioritize on System Design and basics on Data Structures and Algorithms. Brush up concepts from OS and OOPS

Other Relevant Information:

Focus on implementation of DSA, OOPS, DBMS, Networks, in commonly used mobile applications like Facebook, Instagram, etc





Name: Prajwal Ravishankar

Company: Atlassian

Profile: SDE

Mode of Offer: On-campus

Recruitment Procedure:

- The first round is the online test consisting of three questions DSA - two from greedy and one Dynamic Programming
- There were two rounds, first technical and second technical cum HR. First round consisted of questions from the resume, an in-detail discussion about the projects . In the second round a Data Structure Design question was given - data types were given and based on that creating an appropriate data structure and basic questions from DBMS and OS were asked followed by some basic HR questions.

Sources of Preparation:

Interviewbit, SPOJ

Courses and Certification:

DSA, DBMS, OOPS

Other Relevant Information:

Make sure you are able to explain your projects in depth and are able to answer any question that arises about the tools and frameworks used as the company emphasises a lot on them.





Aurigo

Sector: IF

Name: Ratnesh Phadke (2016A3PS0241H)

Company: Aurigo

Profile: IT

Recruitment Process: The recruitment process consisted of an online round followed by three interview rounds. The first two interview rounds were technical in nature, while the third round was primarily HR-based.

1. **Online Test:** A 1.5-hour online test split into two parts. The first part was 60 aptitude questions for which you had 60 minutes, and the second part was 2 coding questions for which you had 30 minutes. The aptitude questions were kinda similar to the sort of questions you'd see in the NTSE exam, but maybe slightly harder.
2. **Interview Round 1:** This round tested OOP and DSA primarily. The interviewer began by grilling me on the basics of OOP (definitions and stuff) and then moved on to asking me simple algorithms. At places, he asked me to write certain parts of the pseudocode of the algorithms as proper Java code. Then he asked me a couple of basic definitions in DSA: like binary search, sorting algorithms and heaps. This round took around 50 minutes - 1 hour.
3. **Interview Round 2:** The interview began with a question on DBMS, drawing an ER diagram. Then the interviewer moved on to OS where he asked me a bunch of basics including forking. After this, he asked me a couple of HR questions along the lines of "Where do you see yourself working after a couple of years?" and "Tell me something bad about your college?". The interviewer also went through the resume in detail in this round. I had mentioned my PS1 (which had some coding), a marketing intern I'd done at a startup, PoRs including Internship Coordinator and Placement Coordinator, stand-up comedy and a couple of projects. The interviewer asked me stuff about each one of these - don't lie on your resumes, if you get caught for even a small thing, it's game over for you.
4. **Interview Round 3:** The last round was with the HR Manager who asked me why I did not sit in companies for placement till then. This wasn't exactly a rigid interview tho, I spent a decent part of the interview having a conversation with him.





Sources of Preparation:

1. A lot of PHoEnix students waste a lot of time trying 100s of different sources to prepare DSA from. Bhanumurthy's lab sheets for DSA and DisCo are a very good starting point, and are enough to get through the coding tests of this company.
2. I prepared for DBMS online, from KnowledgeGate. While there are certification programs available, a certificate is not really essential. Just make sure to learn the concepts.
3. If you're planning on doing OOP as a non-CS student, it's recommended you take it up in the first semester - it is way more rigorous and will help you put a better project on your resume as well.

Courses and Certifications: I did do certification courses on Discrete Structures and DBMS, but certifications are not really needed.

Other Relevant Information:

1. One thing that you need to keep in mind while practising for interviews is to practice on multiple coding platforms - this company did not use Hackerrank for its test and it was a slightly-poorly designed portal.
2. The company builds a Software as a Service (SaaS) product for infrastructure projects in the US. It didn't really care about whether or not you have an extensive background in CS and has no branch bias. If you're a PHoEnix student or a non-tech student who wants to sit for IT placement, this is the ideal choice, Once you get past their initial aptitude + coding test, they don't care much about your CGPA either.





Sector: IF

Name: Harshavardhan Takawale (2016A3PS0258H)

Company: Aurigo

Profile: IT

Recruitment Process: The recruitment process had three rounds, preceded by an online test. One thing about this process was that none of the rounds were eliminative - all the applicants who were shortlisted after the online test went through all three rounds of interviews.

1. **Online Test:** Two coding questions- one was on arrays, and the other was on dynamic programming - the problems were legit a copy paste from GeeksForGeeks. There were sixty aptitude questions, mostly BITSAT reasoning style, and sixty minutes to solve them. Primarily stuff like "what's the next number in the sequence" and a couple of questions on reasoning.
2. **Round 1:** Technical round- There were questions on OOP, DSA, OS, and DBMS (SQL). They asked me to solve a DP Chess board based problem (knight tour) and write the code for it, which I did, in Java. They asked me a lot of questions on OOP, perhaps since I'd mentioned Java and Android app development on my resume. (45 minutes)
3. **Round 2:** The second round of interviews was by the Head of Bangalore site, and he mainly asked me about my projects and work experience that I'd mentioned on my resume. I mentioned Android App development experience as a part of my PS1, so there were a couple of questions on that as well. I'm guessing that the interviewer was just trying to verify if all the points on my resume were true.
4. **HR Round:** don't remember much of the details, but it was pretty much the expected question, and wasn't a very long round for me.

Sources of Preparation:

InterviewBit and GFG for preparing. Couple of random videos on all of the core CS concepts.

Other Relevant Information:

1. From what I understand based on talking to other people who were sitting for this company, they factored in the score in the coding round during interviews. People who'd scored higher on the online test/coding round and people who'd done better in the first interview round for easier questions for subsequent rounds.
2. I made it a point to tell them that I hadn't done a specific course (say, DBMS) when they asked me questions on that topic - I'd tell them I didn't do the course, but based on my understanding, this is the answer. The interviewers were pretty nice to me and only grilled me in areas where I said I was confident.





Cipher Cloud

Sector: IT

Name: Yatharth Johari(2016A4PS0305H)

Company: Cipher Cloud

Role: Software Engineer

Mode of Offer: On-Campus Placement

Recruitment Procedure:

There was an Online exam conducted which consisted of Aptitude and basic coding questions. Based on the merit of this exam they have shortlisted people for further rounds.

- **Round1:** The company works mostly on JAVA. Questions were asked on AutoCAD also. Basic coding algorithms were asked to write specifically in Java.
- **Round2:** Real time challenges on Cyber Security were given and asked to put up ideas for a more secure solution. There was no separate HR round as such. Projects on my resume are pretty much concentrated and questions have been asked on them. They were keen on the way we approach the problem. Subjects asked in specific: DSA, OOP.

Sources Of Preparation: Interviewbit, Geeks for Geeks

Courses and Certifications: Nothing as such

Other Relevant Information:

Read about the company before the process so that you can keep the conversation going. Knowing the requirements of the company will make it easy for you to convince your approach & why you are suitable for that job.

Show willingness to learn new things as and when required.





Codenation

#Interview1:-

Sector: IT

Name: Mahir Shah(2016A7PS0040H)

Company: Codenation

Role: Research and Development

Mode of Offer: PPO(Summer Internship)

Recruitment Procedure:

- Round 0 : You will be asked in detail about one of your projects in the resume, usually of your choice. Be thorough with technical details and have a good understanding of the projects you mention.
- Round 1: Typical algo and data structures round. One or two coding problems.
- Round 2: System design.
- Round 3: I had an extra round on system Design

Sources Of Preparation:

Coding for both coding rounds and interviews: Codeforces, Interviewbit and GeeksForGeeks are ideal places to prepare from.

System Design: Prepare from gaurav sen's youtube channels and GeeksForGeeks.

Other Relevant Information:

Be thorough about whatever projects you put on your resume. The biggest factors in a resume are no doubt your projects and other achievements like hackathons and coding competitions. Prepare Database Fundamentals Properly.





#Interview2:-

Sector: IT

Name: Ashish Gupta(2016A7PS0121H)

Company: Codenation

Role: Research and Development

Mode of Offer: PPO(Summer Internship)

Recruitment Procedure:

- Round 0 : Detailed discussion of one of the projects.
- Round 1 : Typical algo and data structures round. One or two coding problems.
- Round 2 : System design.

Sources Of Preparation:

Coding for both coding rounds and interviews: Codeforces, Interviewbit and GeeksForGeeks, leetcode are ideal places to prepare from

Other Relevant Information:

Be clear about whatever you put on your resume. Doing some coding problems daily helps you a lot. Have a clear understanding of basic Database concepts.





Cohesity

Sector: IT

Name: Prajwal Ravishankar(2016A7PS0089H)

Company: Cohesity

Role: SDE

Mode of Offer: PPO(Summer Internship)

Recruitment Procedure:

- **Round 1:** The first round was an online round held on Hackerearth. It had 2 questions of easy-medium level. Easily solvable with decent coding skills.
- **Round 2:** This was a Zoom online interview round lasting for about 45 mins. The interviewer went through my resume and asked me to describe my projects.
 - 1st problem: Find the longest palindromic substring in the given string. I gave him the standard DP approach of $O(n^2)$ time and space complexity. He asked me to improve my space complexity. I told him the idea, but was asked to write the code for the $O(n^2)$ solution itself.
 - 2nd problem: Given x and y, find the numbers between x and y which do not have repetitive digits in them.
- **Round 3:** This was also a Zoom online Interview and lasted about 30 mins. I had to introduce myself and then asked a coding question.
 - Problem: Consider all 3 letter words in a dictionary. Given a source and destination word, and that the cost of changing a letter in a word at a time is 1, find the minimum cost to reach destination from source by changing only one letter at a time.He then asked me questions about my projects, past internship, DBMS and OS.

Sources Of Preparation:

Coding for both coding rounds and interviews: Codeforces, Interviewbit and GeeksForGeeks Archives, leetcode are ideal places to prepare from.

Other Relevant Information:

Have understanding of your resume and each and everything you have mentioned in it.





Fiorano

Sector : IT

Name: Ankur Indauliya (2016A4PS0410H)

Company: Fiorano

Role: Software Engineer.

Mode of Offer: On-Campus Placement

Recruitment Procedure:

The recruitment process consisted of two rounds (both were Technical). Approach towards the problem was given more importance. DSA, OS are the most focused subjects. Little bit of complex coding questions mixed with tricky puzzles.

- **Round-1:** There was an Online exam with around 40 MCQs, which are mostly about DSA, OS, Aptitude and stack queue. Programming language was made to opt out of C++, Java.
- **Round-2:** A Lot of basic coding questions were asked along with some puzzle questions. Trees from DSA were topics, they grilled on. Concrete idea on the basics was the area of their target. The questions were related to Dynamic Programming, Trees and Graphs with some basic data structures involved. There is no separate HR round. At the end of this round, they have asked the general questions like “why do you feel you are the best fit for your profile...”

Sources of Preparation:

Geeks for Geeks (Trees, concepts), InterviewBit(for coding practice).

Courses and Certifications:

OOP from various online platforms.

Other Relevant Information:

Decide early about the career you want to get into. At Least by the end of second year. So that you can plan your electives wisely. For IT, take up online courses and practice time bound problems. That will make you comfortable during the online rounds.





Flipkart

Name: Rahil Malhotra (2016A7PS0058H)

Sector: IT

Company: Flipkart

Profile: IT

Recruitment Process:

The recruitment process consisted of an online round (coding test), followed by two pen-paper interviews, and an HR round.

1. **Online Test:** Round 1 was an online round on Hackerrank with three questions and around one and a half-hour time. People who could answer two questions almost entirely were shortlisted for the next round. The interviews were entirely DSA - no DBMS, no OOP, no Networks. Only DSA. In the first interview round, they asked me a couple of very basic questions about my resume (projects/internships), but for the subsequent rounds, the interviewers [probably didn't even look at my resume. The questions asked in round one were:
 - a. Find all triplets in an array where $a[i] < a[j] < a[k]$ and $i < j < k$, where n is capped at 10000.
 - b. Given an array and a vector of pair of indexes, print the lexicographically maximum array after swapping some elements from the set of index pairs. You can swap any number of times provided the two indexes used for a swap are present in the given pair vector. $n=1,00,000$, number of pairs = 1,00,000
 - c. Consider a graph with $n \leq 1,00,000$ nodes and an integer $k \geq 0$. There is an edge in a graph between two nodes i and j if $\gcd(i, j) > k$. Now given $q \leq 1e5$ queries. For each query, there are two nodes, print the length of the shortest path between two nodes or -1 if no path exists.
2. **Interview Round 1:** Two DSA questions - the first one on bipartite graphs and the other was a simple greedy algorithm.
 - a. Given n nodes, and some edges between any 2 nodes. Check if it's possible to assign nodes to two boxes such that no box contains any pair of edges.
 - b. Given an array of numbers and K . Divide the array into K continuous subarrays so that the sum of each subarray is odd.
3. **Interview Round 2:** Three questions, all of which required dynamic programming. One question on trees.





- a. Given a tree with each node assigned a value, maximize the sum on the whole tree while obeying the condition. Condition: if a node is chosen, the nodes adjacent to it cannot be chosen.
 - b. Given a string of '{' and '}' characters, find the minimum number of elements that need to be deleted to make it a well-formed bracket sequence. Print all the strings that give a correct bracket sequence on the removal of minimum number of characters.
 - c. Given n coins of some value, find the number of ways to take some coins so that their sum is S. Any coin can be picked up any number of times.
4. **Interview Round 3:** Was a general interaction with a senior manager at the company and some basic HR questions.

Sources of Preparation:

Any standard competitive coding platform should do.

Courses and Certifications:

NA. Wasn't asked about it as well.

Other Relevant Information:

The entire process was algorithms, algorithms, and more algorithms. That's it.





Name: Shubhankit Singh (2016A7PS0864H)

Sector: IT

Company: Flipkart

Profile: IT

Recruitment Process:

Flipkart had three rounds of interviews after an online test. The first round was two DSA questions on graphs and bipartite graphs. The second round had three questions, two of which involved DP and the third of which was a greedy problem - something along the lines of - “you’re going on a circular highway with N gas stations located on it at specific positions. Assume you start at a fixed place X, and have a list of gas stations ahead of you, what is the minimum number of fuel-stops you need to make for gas assuming your cars’ mileage is Y and it can store Z litres of fuel”. In the last round, the hiring manager asked me a couple of system design questions involving sharding, handling multiple servers and load balancing. Flipkart didn’t ask anything other than DSA - they asked me about my AI project but even that was very brief.

Sources of Preparation:

- System Design: I shared a LeetCode Premium account for this and used that. Otherwise, take a look at Gaurav Sen’s [system design videos on YouTube](#). A lot of people trip up at System Design due to a lack of practice.
- OOP - you can read up/revise most of the basics from GFG in less than a day.

Other Relevant Information:

1. Focus on OS and DSA. That’s what will be tested in most interviews.
2. Not many companies don’t really focus or ask you a lot on your projects - Atlassian is an exception to this, though. The other interview process I sat in till the end was Nutanix - it had a very different structure with four rounds, and a decent number of non-DSA questions asked. Nutanix is very CG-based, which might have affected my chances.
3. Do not neglect the HR round. Make sure you have answers to “Why do you have a low CG?” or “Why do you have low attendance?” or “Why do you have a low grade in DSA?” if these are applicable to you. Mock interviews can help a lot here.
4. It makes life simpler if you have a summer internship before placements - you’ll have something to talk about and put on your resume, which might lessen the number of DSA questions they’ll ask you to fill in time.





Name: Chinmay Hota (2016A7PS0069H)

Sector: IT

Company: Flipkart

Profile: IT

Recruitment Process:

- More or less the same as the above two interview experiences. The first two interview rounds were DSA-based, and the last round had a system design question - “how would you design the Flipkart hot deals page, in which deals are personalised for every user?”.
- For DSA, I was asked a question on bipartite graphs (“given a list of prisoners where some are enemies of the other, find a way to split them into two cells so that no fights occur”) and a question that asked something related to balanced brackets, which I couldn’t solve entirely.
- The second DSA round was significantly harder than the first.

Sources of Preparation:

Nothing in specific.

Courses and Certifications:

Weren’t asked about in the interview.





Google

Name: Sai Surya Upadrasta

Company: Google

Profile: SDE

Mode of Offer: On-campus

Recruitment Procedure:

- The first round is resume shortlisting. Google emphasizes heavily on Data Structures and Algorithms so include your relevant projects, achievements in ICPC or any coding contests.
- There were five interviews held. First four were technical rounds that emphasized highly on Data Structures and Algorithms and the last one was 'Googlines' round - where a brief discussion on projects took place.

Sources of Preparation:

Leetcode, CodeForces 2C, 2D set problems

Courses and Certification:

Data Structure and Algorithms, Design and Analysis of Algorithms. ICPC Asia Regional Finalist

Other Relevant Information:

Solve problems randomly. Don't do topic wise, select one question and figure it out yourself which topic it belongs to





Microsoft IDC

Industry: IT

Name: Aditya Yogesh Lohana (2016A7PS0048H)

Company: Microsoft IDC

Role: Software Development Engineer

Mode of Offer: Summer Internship (PPO)

Recruitment Procedure(SI): There was an initial CG and Branch based shortlist.

1. Coding Round - The coding round was fairly simple and had data structure questions. The round was in C/C++.
2. System Design Round - The round was fairly open ended and students were supposed to solve a real life problem. I was asked to optimize the functioning of the mess.
3. Technical Interview - The interview had 2 questions - one on string manipulation and one on trees. I was questioned extensively about my previous projects as well. The whiteboard part was heavily focused on database design as my project was based on that. Personally, I was asked to build the tables for a mock-IRCTC website.
4. HR Interview - The interviewer asked me why I was interested in being a software developer and about my general perception of the company.

Sources of Preparation:

GeeksForGeeks is really useful for handling coding questions and technical rounds. I also referred to a website called techiedelight.com that has a lot of coding questions along with their solutions. Apart from that, just the courses mentioned in my resume like OOP, DSA and DBMS.

Internship Experience:

As a summer intern at Microsoft, I was working on optimizing the DL pipeline of the Bing Sports team. I was supposed to help them generate good quality representative data quickly. The work hours were flexible. My manager and mentor were very laid back and approachable. They had a good system for feedback and evaluation, which are very helpful. Having a good work ethic and good communication skills with my teammates are higher officials was key, and helped me secure my PPO.





Other Relevant Information:

It is very important to have holistic, in-depth knowledge of everything mentioned in your resume. Apart from that, I would suggest everyone to get extra projects. Almost everyone has only course projects and having something additional would help you stand out.





Industry: IT

Name: Ayushi Srivastava (2016A1PS0587H)

Company: Microsoft IDC

Role: Software Development Engineer

Mode of Offer: Summer Internship (PPO)

Recruitment Procedure(SI):

1. Coding Round - There were 3 questions. The questions were based on strings, graphs and dp. The round was in C/C++.
2. System Design Round - Students were supposed to solve a real life problem. I was asked to create the flow of an app for the cafeteria
3. Technical Interview - I was asked questions based on Sorting, DP and OOP.
4. HR Interview - The interviewer asked me some basic HR questions and questions about my resume.

Sources of Preparation:

GeeksForGeeks is really useful for handling coding questions and technical rounds. I also referred to a website called techiedelight.com that has a lot of coding questions along with their solutions. The courses mentioned in my resume like OOP, DSA and OS are important. The course books & slides of these courses are really good & sufficient.

Internship Experience:

Microsoft had very flexible work hours and a constant feedback and review system which made for a very healthy work environment. My mentor and manager were both very approachable. Having a good work ethic and good communication with my teammates and higher officials helped me in securing my PPO.

Other Relevant Information:

Getting familiar with all of this from the 2nd year is really important. Cracking an internship interview is way easier than sitting for placements, in terms of pressure as well as the difficulty of questions asked. Keep reading even if you don't get any of the courses on campus. OOP and DSA are the main things you should be good at. At an intern level, if they ask you anything more than this you can clearly say you've not yet covered those topics. But these two are a must.





Industry: IT

Name: Madhura Banerjee (2016A7PS0087H)

Company: Microsoft IDC

Role: Software Development Engineer

Mode of Offer: Summer Internship (PPO)

Recruitment Procedure (SI):

There was an initial shortlist followed by a test and a group fly round that I was exempt from as I was selected through codess. The technical interview had questions mainly from DSA and DBMS. In the HR round, I was asked some basic questions about myself and my interests.

Sources of Preparation:

Nothing beyond normal courses like DisCO and DSA are required for preparation. The textbooks are sufficient for these.

Internship Experience:

Once you get selected for the internship, you pretty much just have two levels of assessment during the entire internship. Initially you are allotted a project with a timeline mapped for it. There's a half time evaluation where you usually give a demo and presentation to your team and manager. The final evaluation is also pretty much the same just that the demo might be to a higher level or a greater audience. Judgement criteria for the PPO is based on 3 things - Project completion, efficiency of code and teamwork.

Other Relevant Information:

Teamwork is essential when it comes to an internship. A lot of people didn't get a PPO despite having completed their projects due to lack of communication with the rest of the team.





Industry: IT

Name: Shubham Sharma (2016AAPS0184H)

Company: Microsoft IDC

Role: Software Development Engineer

Mode of Offer: Summer Internship (PPO)

Recruitment Procedure(SI):

There was an initial CG and Branch based shortlist.

1. Coding Round - There were 3 questions. Everyone was given a different set. Mine had an implementation problem, a linked list problem and a problem on strings.
2. System Design Round - I was asked to design an app for a College's mess using UML diagrams.
3. Technical Interview - I was asked about OOP concepts - basics like function overloading/overriding, Static and Dynamic Binding, access modifiers and other such concepts. I was asked for the implementation of quicksort and mergesort with code, a question on graphs, implementing stack, strings and also a few puzzle questions.
4. HR Interview - I was asked basic HR questions like assessment of my strengths and weaknesses. I was asked why I preferred Microsoft and why I chose IT over my core discipline. He also asked me about my favourite Microsoft product.

Sources of Preparation:

1. Codeforces, Leetcode, Interviewbit and a20j ladders for coding practise.
2. I found the college courses for OOP, DSA and OS to be sufficient.
3. A book called "Cracking the coding Interview"
4. David J Mallan's CS50 Harvard courses

Courses and Certification:

I found that online certifications don't really matter much. I did the campus courses for OOP, DSA, DisCo, OS and a project under a CS faculty. I did online courses for introduction to algorithms, CS50 Harvard course and a course for python.





Internship Experience:

I was part of the Azure DevOps (much like Github) team. The project was to develop an app connecting Slack and Azure DevOps, so as whenever you commit/pull/push code on Azure DevOps, you must get relevant notifications on Slack channel. It was a pretty good project, coded in C# and It was the first time I came to know about the stringent professional coding practices followed in industries. The mentors and managers in Microsoft are very helpful and supportive. I would say the following factors helped me secure a PPO:

- a. I tried to complete the project work assigned to me before the deadline.
- b. I used to take continuous feedback from both my mentors and manager.
- c. I was usually present there on weekends, not that I recommend it but it helped me a lot,
- d. I used to discuss the problems I encountered with my team members, mentors and managers on a regular basis.

Other Relevant Information:

It is difficult to do CS courses while you come from a different discipline due to PR numbers and the burden of balancing the courses with your CDCs. Some do great in both of them simultaneously, but it is rare. In most cases, you will have to make a choice at the cost of your CGPA. Companies like Microsoft don't really care about your branch as long as you have the required knowledge. At the end, continuous practise on competitive coding, doing the required CS electives on campus and having CS projects under your belt will increase your chances of getting selected.





Industry: IT

Name: Sohail Rajdev (2016AAPS0158H)

Company: Microsoft IDC

Role: Software Development Engineer

Mode of Offer: Summer Internship (PPO)

Recruitment Procedure(SI): There was an initial CG and Branch based shortlist.

1. Coding Round - There were 3 questions. Everyone was given a different set. Mine had an implementation problem, an interviewbit question based on sorting 2 arrays and a backtracking problem.
2. Written Round - This round had a system design question.
3. Technical Interview - In the first interview, I was asked about things like Kadane's algorithm, Linked List, Minimum spanning tree and random array questions. In the second interview, they asked about memory allocation basics and some load balancing questions. This was because I had system administration as a skill in my resume.
4. HR Interview - I was asked basic HR questions like assessment of my strengths and weaknesses. I was asked why I preferred Microsoft and why I chose IT over my core discipline.

Sources of Preparation:

I found problem-solving on interviewbit and GeeksForGeeks very helpful. Courses like OOP and DSA are essential for getting an IT internship.

Internship Experience:

The work culture at Amazon is great. People are very helpful. We had flexible work hours and a decent workload. Having a good work ethic and good communication with teammates and superiors is key in securing a PPO.

Other Relevant Information:

Just be confident and gain clarity about the concepts used in DSA. Internship was a very good experience and a learning opportunity.





Industry: IT

Name: Somya Sharma (2016AAPS0216H)

Company: Microsoft IDC

Role: Software Development Engineer

Mode of Offer: Summer Internship (PPO)

Recruitment Procedure(SI):

1. There was an initial CG and branch based shortlisting, an online test and a written test. I was exempted as I had gotten in through Microsoft Codess.
2. Technical Interview: In the first round, I was asked questions about string manipulation and alternate answers to my solution. Basic questions about array searching and sorting as well. In the second round, I was asked about my projects and about whether I wanted to make any feature change in a popular software, my reasoning behind it and an alternate solution to improving it.
3. HR Interview - I was asked basic HR questions like assessment of my strengths and weaknesses. They asked me about my previous projects and internship. They wanted to know the impact of these projects and my approach to problem-solving.

Sources of Preparation:

I referred to hackerrank, GeeksForGeeks and codemonks for different topics. I referred to the basic and intermediate levels from codechef for practising competitive coding. I prepared the college courses for OOP and DSA.

Internship Experience:

We had weekly one on ones with our manager. They judged us on our understanding of the problem, our approach to the solution and teamwork. They also kept track of our contribution to other teams and our ability to create timelines & stick to deadlines. Overall, it was a great learning experience due to their balanced work culture.

Other Relevant Information:

The basics of courses like OOP, OS and DSA are very important. It is a lot easier to get through the technical rounds in the SI process as compared to the placement process. Being clear about the basics and having a decent amount of practise in competitive coding are essential.





Industry: IT

Name: Srinkhala (2016AAPS0219H)

Company: Microsoft IDC

Role: Software Development Engineer

Mode of Offer: Summer Internship (PPO)

Recruitment Procedure(SI): There was an initial shortlist based on CG and branch.

1. Online coding round - We were asked 3 questions each. Everyone had a different question set but overall, the difficulty levels were the same.
2. Group fly round - Students are grouped together and allotted a mentor. Given a problem statement, we have to give the solution in the form of a flowchart. The problem given to us was to handle the crowd at the cafeteria for better functioning.
3. Technical Interview - I was asked about the different types of sorting and how each one worked. I was questioned about my favourite app and asked given a chance what different functionality I would like to add to it and how I would implement it . He also asked me some basic OOP questions.
4. HR Interview - I was asked about my future plans, the projects I was currently pursuing and about all the projects I had already completed..

Sources of Preparation:

I referred to GeeksForGeeks for learning. Apart from that, I had given coding contests in both codeforces and codechef.

Internship Experience:

It was a great experience. I was in the Office protection team, where I was the only inter. Everyone else in my team was very helpful and supportive. At the end of the internship, all the interns showed the projects to the senior managers. On our last working day, we got a mail regarding PPO. The PPO decision was entirely dependent on our mentor, manager and our team. They decided it based on the work we did in that tenure. The work which was assigned to me was already decided and they expected me to complete that task in a period of 2 months. So, the main factors according to me included our approach to a certain problem, the time we invested in doing a certain task and also our behaviour.





Other Relevant Information:

For IT roles, being good at DSA is the key. Almost all the online tests consist of coding questions and some involve questions on OOPS, OS or DBMS. I suggest that anyone who is preparing for this role to start giving contests online or continue solving questions on codechef, codeforces, interviewbit or leetcode regularly. For interviews, one should go through many coding interview questions as there are many similar questions asked.





Nutanix

Industry: IT

Name: Siddharth Kashyap (2016A7PS0122H)

Company: Nutanix

Role: Member of Technical Staff

Mode of Offer: Summer Internship (PPO)

Recruitment Procedure:

1. Online Test: The test consisted of 2 coding questions. 14-15 candidates were selected for further round
2. Interview:
 - Round 1: It was the debugging round and was provided with our answers of previous online test conducted. We were asked to find the logical errors in it.
 - Round 2: This round was the technical round. Two questions were asked on Graphs and Linked lists
 - Round 3: This was purely an HR round. This round was not even conducted for many final selects.

Sources of Preparation:

Codeforces, Hackerrank, Interviewbit, GeeksForGeeks etc

Courses and Certification:

Popular CS courses are recommended like OOPS, DSA, DBMS etc

Other Relevant Information:

I would recommend all the future applicants to practice competitive coding extensively and subsequently be thorough with your basics. As internships usually come in 3-1, so interviewers don't expect any project or previous work experience. All that matters is how well you did in tests and interviews. So, prepare accordingly.





Internship Experience & Suggestions:

My project basically involved re-designing their library. The things I learnt or was asked to work was first understanding the Nutanix infrastructure, to go through the technicalities of nutanix specific products, learning about design-structures as I have to work on redesigning Also having a good understanding of data-structures is important, although knowledge of any specific language is not expected.

What helped me to get PPO- They usually see your learning curve, how proactive you are towards your project and they will like it if you initiate discussions. Also perseverance is important, since all of the things would be new.





Industry: IT

Name: Vaibhav Kumar Tyagi (2016A7PS0141H)

Company: Nutanix

Role: Member of Technical Staff

Mode of Offer: On-Campus

Recruitment Procedure:

1. Online Test: The test consisted of level 2 or 3 type hackerrank questions. If anyone has done enough practice, he/she can solve it.
2. Written Round: It consisted of technical questions. Most of it was output finding questions. The language used was C++.
3. Interview:
 - Round 1: They asked standard competitive coding questions in this round. As I solved the question, they kept on adding another component to it.
 - Round 2: This round consisted of extensive questions on System Design.
 - Round 3: In this round interviewers were not interested to check our technical knowledge. They were keen to check our problem solving skills and gave many puzzles in this round.

Sources of Preparation:

Codeforces, Hackerrank, Interviewbit, GeeksForGeeks etc

Courses and Certification:

Popular CS courses are recommended like OOPS, DSA, DBMS etc

Other Relevant Information:

I would recommend all the future applicants to practice competitive coding extensively and subsequently be thorough with your basics. That's the only thing required to get an IT placement.





Oppo

Sector: IT

Name: Ashank Sharma (2016A7PS0107H)

Company: Oppo

Profile: Software Development Engineer

Recruitment Procedure:

1. Coding round: This had questions on DP, pointers & other similar DSA constructs.
2. Technical Interview: I was asked about my previous projects and internships. As I had a lot of projects and had done an internship in ML, I was asked a lot of questions on that. I was also asked a basic puzzle which was from GFG.
3. HR Interview: I was asked why I specifically wanted to join Oppo. Apart from that, there were a few other basic HR questions and questions on previous internships.

Sources of Preparation:

GeeksForGeeks is really useful for handling coding questions and technical rounds. I found having in-depth knowledge of courses like ML and DSA to be very useful

Courses and Certifications:

While I did not receive any certification from a particular course, I had completed courses taught on campus like DSA, ML, AI, IR and FODS and found the thorough understanding of them to be essential.

Other Relevant Information:

I was well-versed in courses like DSA, ML, FODS, AI and IR. The projects given in these courses are very valuable in having a better understanding of the subjects and are also very useful in a general sense. It is essential to have a complete understanding of all the projects and courses mentioned in your resume. Practise is key when it comes to DSA, so try to solve as many problems as possible. I personally preferred GeeksForGeeks for the same.





Sector: IT

Name: Anshuman Padhi

Company: Oppo R&D

Profile: Software Development Engineer

Recruitment Procedure:

Technical Round 1 -> Technical Round 2 -> HR Interview

I was not initially shortlisted for the further process as I could not score good in the online coding round. They announced the extended shortlist in the Pre-Placement Talk and I was luckily present there.

- **Technical Round 1:** The interviewer literally asked me everything related to computer science. He stressed on certain topics but was mainly checking the foundation.
Almost all the subjects in our curriculum right from the beginning were covered.
- **Technical Round 2:** The interviewer directly asked 3 questions related to DSA and asked me to write the code of all the 3 questions on the paper.
Out of the 3 questions given to me, one was from Dynamic Programming, one was from Graph and the other one was Sorting.
I struggled with the DP problem but he helped me in solving it.
- **HR Interview:** HR round was the best. I have extensive knowledge about gadgets and I already had answered twice during the PPT.

Sources of Preparation:

- My preparation wasn't just confined to DSA, though it carries most of the weight in an interview, for which GeeksForGeeks and interviewbit serves the purpose.
- The most important factor in my scenario was my portfolio. I had a failed startup, around 3-4 work-from-home part-time internships, an off-campus summer internship, 4 formal research projects under some really good Profs, and a sound technical knowledge of many different frameworks in various different domains such as Web/App Development, IoT, ML, etc.
- A good portfolio just makes you stand out from the crowd but everything boils down to your "Problem Solving Ability" which is best judged by DSA and few other CS courses and the interviewer's not gonna skip on that.





Courses and Certification:

Apart from the CDC's I opted for 4 formal projects as Disciplinary Electives under Dr. Lov Kumar, Prof. Chittaranjan Hota (2 sems) and Prof. Geethakumari.

For Open Electives, I had AI, FODS, IR, Cryptography, Network Programming.

Other Relevant Information:

There's no algorithm to get a good placement but every stage of it requires a different kind of preparation.

- For coding round - Practice Practice Practice (It helps you for off-campus placement as well. Never rely on luck.)
- For the interview round - Smartness, problem solving skills, knowledge.
- For HR Round - Read about the company and its product lineup before the PPT and try being involved during the PPT (gives out a good impression and also boosts confidence when you face the HR).





Sector: IT

Name: Bala Krishna Moravineni

Company: Oppo R&D

Profile: Software Development Engineer

Recruitment Procedure:

- First round was an online coding round conducted in Hackerearth, containing 3 coding questions. (2 medium, 1 hard);
- Second round was an interview round in which Java related questions were asked and projects were discussed. For some people, an extra coding interview round was conducted before the second round:
- Third round is HR in which basic HR questions are asked.

Sources of Preparation:

GeeksForGeeks is the most useful resource.

Sudo placement tracks in gfg were very helpful.

Interviewbit was also good.

Courses and Certification:

Campus courses OOP, OS and DBMS were very helpful.

In fact, the Java questions asked in the interview did not go beyond the scope of OOP concepts taught in the BITS course.

Other Relevant Information:

CGPA also matters. For some people even though the online coding round score was low, they were allowed for next rounds because of the CGPA. If you're doing DSA course, then try to do the assignments on your own, otherwise it wouldn't help much. All the people who have cleared the online round and attended interview rounds have been given offers.

The quizzes, coding workshops, resume workshop and mock interviews, almost everything conducted by placement division were helpful in one or the other interviews.





Sector: IT

Name: Vedant Jaju

Company: Oppo R&D

Profile: Software Development Engineer

Recruitment Procedure:

Online test with 3 questions, 2 technical interviews and 1 HR interview

- Online Test - 3 questions
One of the questions was on DP.
- Technical Round 1 - DSA
Questions based on arrays, stacks and queue were asked
Discussion over a project mentioned in resume
- Technical Round 2 - OOP and DSA
Discussion of the questions asked in online test
OOP concepts - Polymorphism, inheritance, dynamic method dispatch
Discussion over a project mentioned in resume
- HR Round -
 - All standard HR questions
 - Tell me something about yourself
 - Why OPPO?
 - Name 3 OPPO smartphones.

Sources of Preparation:

Interviewbit, GeeksForGeeks for technical rounds

Courses and Certifications:

OOP and DSA taught in our campus.





Oyo Rooms

Sector: IT

Name: Yash Chokhani (2016A3PS0393H)

Company: Oyo Rooms

Role: Software Development Engineer (SDE) / Data Analyst

Mode of offer: On-campus

Recruitment Procedure:

- Online coding round (Platform - InterviewBit)
There were 9 MCQs asked for 4 marks each and 2 coding questions for 100 marks each, with most of them based on DSA.
- Technical Interview rounds
There were, in total 2 face-to-face technical interviews and had about 5 questions where, 3 coding questions from DSA and the other two were based either on OOPS, OS or your CV. Coding under pressure is the trick, here.
Questions based on inheritance and sorting were asked, from OOPS and DSA respectively. They asked a couple of questions about my projects : one on OOPS and the other on Blockchain.
- HR round
This round focused mainly on my CV and being the Post holder of Technical Secretary, I was asked about my role and how it was managerial/technical in nature and how those skills would be helpful in my future.

Sources of preparation:

Questions from InterviewBit and GeeksForGeeks. Learn a few Algorithms beforehand and revise DSA and OOPS courses. Youtube videos on DBMS are quite helpful.

Courses and Certification:

Nothing in specific, revise your fundamentals.





Sector: IT

Name: Vaishnavi Khariya (2016A8PS0816H)

Company: Oyo Rooms

Role: Software Development Engineer (SDE)

Mode of offer: On - campus

Recruitment Procedure:

- Online Coding round on platform InterviewBit
There were two coding questions based on DSA and few MCQs on the fundamental concepts.
- Technical Interviews:
There were two technical rounds where questions on
DSA - sorting and dynamic programming
OOPS - Basic terminology
DBMS - SQL commands were asked.
The logic was supposed to be explained and if they felt it was accurate, you will be asked to code it on a paper.
- There was no HR round for me.

Sources of Preparation: Refer to Youtube videos on DBMS and OOPS taught in college. Websites like InterviewBit and GeeksForGeeks are of great help too.

Courses and Certifications: Revision of DSA, OOPS and DBMS will suffice. No certifications were asked for.





Oracle

Sector: IT

Name: Gargi Gupta (2016A3PS0288H)

Company: Oracle

Role: Research and Development

Mode of Offer: On Campus

Recruitment Procedure:

3 Technical rounds and 1 HR round were taken.

- Round 1: mostly puzzles and resume grilling.
- Round 2 and 3: Java and OOPs were asked in depth. Fundamental knowledge of them is important.

Sources of preparation:

- Coding for both coding rounds and interviews: Codeforces, Interviewbit and GeeksForGeeks are ideal places to prepare from.
- System Design: Prepare from gaurav sen's youtube channels and GeeksForGeeks.

Other Relevant Information:

Be thorough about whatever projects you put on your resume. The biggest factors in a resume are no doubt your projects and other achievements like hackathons and coding competitions. Prepare OOPs Fundamentals Properly.





Sector: IT

Name: SAIRAM KORIPALLY(2016A7PS0038H)

Company: Oracle

Role: Research and Development

Mode of Offer: On Campus

Recruitment Procedure:

3 Technical rounds and 1 HR round were taken.

- Round 1: mostly puzzles and resume grilling
- Round 2 and 3: Java and OOPs were asked in depth. Fundamental knowledge of them is important. Situational questions were asked on real life problems.
Eg:- why do we use polymorphism.
- Round 4 (HR): Mostly behavioral questions were asked

Sources of preparation:

- Coding for both coding rounds and interviews: Codeforces, Interviewbit and GeeksForGeeks are ideal places to prepare from
- System Design: Prepare from gaurav sen's youtube channels and GeeksForGeeks.

Other Relevant Information:

Be thorough about whatever projects you put on your resume. The biggest factors in a resume are no doubt your projects and other achievements like hackathons and coding competitions. Prepare OOPs Fundamentals Properly.





Paypal

Industry: IT

Name: Modit Goyal (2016AAPS0413H)

Company: Paypal

Role: Software Engineer

Mode of Offer: On-Campus

Recruitment Procedure:

1. Online Test: (1.5 hour) One question on Stacks and the other was about graphs.
2. Interview:
 - Round 1: It was basically the debugging round. We got the printed codes (answers that we wrote for the online test) and were asked to reduce the space time complexity.
 - Round 2: This round basically focused on projects and internships if any. But in my case, the interviewer wasn't interested in my projects (as I'm from Electrical branch) so switched to technical questions again. The questions were on Linked Lists and Graphs.
 - Round 3: This was the HR round with general questions like tell me about yourself, what are your interests etc. Nothing technical. I talked about my interest in photography and the interviewer was quite impressed by it.

Sources of Preparation:

Codeforces, Hackerrank, Interviewbit, GeeksForGeeks etc

Courses and Certification:

Popular CS courses are recommended like OOPS, DSA, DBMS etc

Other Relevant Information:

I would recommend all the future applicants to practice extensively on various coding platforms. During the interview, you should be able to describe your project and internships properly. They generally look for CS-based candidates only. For electronics background students, I would suggest to mention only CS related projects in their resume. I would also recommend them to do some CS related courses like OOPS, DBMS, ML etc. During the interview, don't mention things on which you can't answer the follow up questions.





Industry: IT

Name: Shubham Paliwal (2015B1A70823H)

Company: Paypal

Role: Software Engineer

Mode of Offer: On-Campus

Recruitment Procedure:

1. Online Test: It was of 1.5 hr duration. First question was based on Stacks and the other was about graphs. The questions were pretty easy as compared to the companies which previously visited. Lots of the applicants were shortlisted for the next round.
2. Interview: For me there were only two rounds of interview but for all other candidates it was 3 rounds of interview.
 - Round 1: It was basically the debugging round. We got the printed codes (answers that we wrote for the online test) and were asked to reduce the space time complexity. In between he asked some basic technical questions.
 - Round 2: This round consisted of questions about my project and internships that I have done. Some basic technical questions were also asked in this round from topics like operating system, OOPS, Synchronization etc.

Sources of Preparation:

Codeforces, Hackerrank, Interviewbit, GeeksForGeeks etc

Courses and Certification:

DSA, OOPS, O.S and DBMS

Other Relevant Information:

I want to suggest only one thing to all the future applicants- Be fully prepared with your projects and recent internships. In my case, the interviewer thoroughly went through my project and internship. He asked about my work in Amazon in complete detail (SI). Rest all is just about how much you practice coding.





Servicenow

Industry: IT

Name: Anupam Sharma (2016A3PS0273H)

Company: Servicenow

Role: Software Engineer

Mode of Offer: On-campus Placement

Recruitment Procedure:

- **Round-1:** It was an online exam , consisting of 10 MCQ questions and one question to code completely. The MCQ questions were mostly on the basics of the courses DSA,OOP,OS,DBMS,Networks and C language. Basics of Data Structures were thoroughly tested.
- **Round-2:** They asked about designing an online movie ticket booking system , given the management of the database. Also ideas on the youtube manages the ads and its design. Questions on DSA, OS were mainly focussed.
- **Round-3:** This round was taken by the Director of the company. Though it started as a HR round, gradually it turned into a technical one. He asked questions from linked lists, OOP and small algorithms to some of the complex DSA questions .

Sources of Preparation:

InterviewBit,Geeks for Geeks

Courses and Certification:

Nothing as such

Other Relevant Information:

C++,Java were the programming languages given to choose between.One need to be perfect with his/her basics. DBMS is also a key subject for placements. Practice much of competitive coding and try to solve as many interview questions(GFG) as you can.Be confident when you're answering the questions in the interviews.If you are not clear about the question, ask the interviewer for more clarity on the question and then start answering.





Uber

Industry: IT

Name: Sharvin Anil Jondhale (2016A7PS0063H)

Company: Uber

Role: Software Engineer

Mode of Offer: On-Campus Placement

Recruitment Procedure:

- **Round-1:** First round was an Online exam held in Hackerrank. It was mostly like competitive coding. The questions were the standard complex questions in DSA, just the pseudo code was asked. If someone who has practised InterviewBit thoroughly can answer them easily.
- **Round-2:** The projects in the resume were discussed briefly. Questions of Data structures were asked to code completely. Questions from DBMS, OS were asked in detail. Few ongoing projects in the company were explained and asked for a new system design.
- **Round-3:** A HR round but the questions were technical as well. System Design topics were asked in a greater detail. Real life problems were given and asked for a better approach towards the problem. "C" language basics were questioned.

Sources of Preparation:

Leetcode, InterviewBit

Courses and Certification:

OS, DSA, DBMS, Machine Learning, Networks

Other Relevant Information:

Java and C++ were the allowed programming languages. The recruiting panel was very friendly and comfortable. Be confident in your approach during the interview. Practice a variety of coding questions. Start coding practices on your own through some online platforms. Don't wait till the course is started in the academic schedule. LeetCode is a better platform for coding practices.





DOMAIN

MANUFACTURING





Forbes Marshall

Name: Indraganti V L N Parasuram

Company: Forbes Marshall

Role: Graduate Training Engineer

Mode of Offer: On-campus placement

Recruitment Procedure:

1. An on-campus written test which had very basic Mechanical engineering questions from concepts such as Heat transfer. The test also had a certain portion for basic aptitude and mental thinking.
2. An on-campus interview: Contrary to what I was prepared for, the interview was less technical in nature and had to do more with how my work ethic and often took a personal turn.
3. The final interview was at their office in Pune with one of the section heads. It had significantly more technical questions asked and felt like a stress test.

Sources of Preparation:

In general, it is best to prepare and revise your core concepts on your own for the aptitude test since the other rounds will be more towards your in-depth knowledge of what you have mentioned on your resume itself. So be well-versed on our resume.

Courses and Certification:

Some questions are going to be asked from most if not all major topics, in my case Heat transfer and fluids. I believe since they were looking for a fit into production, they kept coming back to PT-1 and PT-2 for further questions a few times. They were also expecting basic knowledge in software such as MATLAB, ANSYS and SOLIDWORKS.

Other Relevant Information:

I think the most important factor considered is your work ethic and personality, in which case the company is very different from what you would expect from core companies. A good organisational fit seemed to be their driving parameter in addition to well-built concepts.





DOMAIN

EDUCATION





Byjus

Name: Ameya Vinod Haldipurkar (2016A4PS0279H)

Sector: OT

Company: Byju's

Profile: OT

Recruitment Process: The recruitment process had two rounds after which I was extended an offer.

1. First Interview Round:

The first round was based on script-writing. Basically, you had to choose a topic in Maths/Physics/Chemistry and write a lesson plan or script for teaching from. You get around one hour time, and you're allowed access to the internet to build the script. You're allowed to choose which subject you want to write on - Maths, Physics, or Chemistry. I chose Maths and decided to write on vectors. Try not to choose advanced/hard topics for making the script - stick to something simple.

2. Second Interview Round:

After asking me a few questions about the script I'd made, he asked me to make another script writing task: this time he asked me to explain logarithms to a 10th class student. Once I was done with this, he grilled me a bit on the subject I chose (Maths) - basics from coordinate geometry and stuff as well as asking me to explain the script I'd just written. After a couple of maths questions, the interview was done.

Sources of Preparation:

I primarily used random youtube videos - but anything works, really.

Other Relevant Information:

- If you're planning on sitting for this profile, it might be a good idea to start working on ideas for your script a little in advance, instead of waiting for Round 1 to be announced. The main thing they're looking for in the script is creativity - they want it to be fun, new or engaging.
- It's fine for the script to be on a simple topic. Some people who made scripts on complex things didn't get selected.
- They didn't look at anything on my resume beyond 12th-grade marks. If you have decent marks in 12th grade, BITSAT, or JEE make sure to mention it on the resume.





Name: Akash Menon (2016A4PS0354H)

Sector: OT

Company: Byjus

Profile: OT

Recruitment Process:

The recruitment process began with a small talk of sorts where they explained what Byjus did and all.

- Round 1: They asked us to write down our topic of interest/preference out Maths, Physics and Chemistry - I chose Physics. After this, they asked us to write a script on any topic in the subject we chose - they expected the script to have a friendly intro of sorts, checkpoint questions in between to test how well the reader was understanding stuff, and at least an overall view of the topic chosen. They wanted a script for a Byju's educational video, basically. I chose inverse square law as my topic and explained its importance in the gravitational law, magnetic and electric fields, and in luminescence/light intensity.
- Round 2: They asked me a couple of basic questions from 8th-12th grade physics. Stuff like:
 - What is mass and weight and the difference between them?
 - What is Newton's First Law?
 - Explain Lenz Law

In between, the interviewer asked me (after probably looking at my resume) if I had any prior teaching experience. I was a part of NSS's Computer Literacy Program, and I told him that. After these series of questions, they told me I could leave and that my interview was done. My interview was probably the fastest to get completed. As far as I know, I answered fast and gave a clear explanation for all the conceptual things I was asked in Physics.

Other Relevant Information:

1. I wasn't really asked any other questions on my resume or anything else really. Even the teaching experience question he asked was just a one-off question.
2. When selecting the topic you want to explain for Round 1, try to go for the most non-common topic you can think of. That will definitely catch their eye. Mine (inverse square law in various fields of Physics) was something that wasn't in books but taught to me during coaching.





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SEMESTER - II





Domain

IT





Anarock

Sector: IT

Name: Ajitesh Singla

Company: Anarock

Role: Software Developer

Recruitment Process:

- 1 Online test and two technical interviews.
- The online test consisted of 5 coding questions which covered concepts of DSA.
- First technical interview mainly consisted of 2 coding based questions and basic questions from data science related subjects.
- Second technical interview had questions based on graphs and classic puzzles. It also covered questions based on the resume.

Sources of Preparation:

- PS-2
- Interview bit
- PU material
- Knowledge of DSA, OOP, OS and Compilers

Other Relevant Information:

- Other than coding, giving time to app development helps a lot in interviews.
- Try going with the flow in the interview, adjust according to the interviewer but showing overconfidence is not the key.
- Utilize the summer vacations to develop a positive resume.





F5 Networks India Pvt Ltd.

Sector: IT

Name: Akhil Agnihotri (2016A4PS0353H)

Company: F5 Networks India Pvt Ltd

Role: Software Engineer

Recruitment Procedure:

Online test, GD, Interview.

- Online Test: There were three competitive coding(DSA) based questions.
- GD: Aimed to check the ability to provide technical solutions to a problem.
- Technical Interview:
 - Initially, I was questioned extensively about the projects listed on my resume.
 - I was asked questions majorly covering concepts of Database Management System and Data Structure and Algorithm.
- HR Round:
 - Basic HR questions.
 - Why was I interested in joining the organization?
 - It revolved around checking interpersonal skills, my goals, perception and expectation from the organization.

Sources of Preparation:

- Hackerrank, Geeks for Geeks are tremendously helpful for handling almost any coding questions and technical interviews.
- Basics should be strong.
- For theory preparation refer Geeks for Geeks
- I have done courses like DSA, OOP, ML.

Other Relevant Information:

- You should have in-depth knowledge of each and everything which is mentioned in your resume.
- You should add some strong projects other than the usual course projects to stand out and discuss at length, Be confident at every stage.





Udaan

Sector: IT

Name: Ravi Bharadwaj

Company: Udaan

Role: Web Developer

Recruitment Procedure:

- Online test 1 (90 min)
 - Hackerrank link was provided.
 - Only one question which you can attempt from your room.
 - The purpose was to test your concepts in OOPS
- Online test 2
 - One question to be attempted from the computer center.
 - The purpose was to test development skills
 - One question for 2 hours, preference to those using JS or Python.
- Interview round 1
 - The product statement was given.
 - They judged me on how I looked at different development stages of product.
- Interview round 2
 - Technical + Resume + HR
 - Technical questions were asked (Some questions on web development.)

Sources of Preparation:

- Experience in web development is the main thing that will decide your interview.
- Project on Web development.
- DS, ML, Algorithm

Other Relevant Information:

- Actively try to be a developer in your free time. Pick an open source project, try to develop your own websites and app. One drawback was that I mentioned 2 courses of ML and IT in my resume and they asked me why I wanted to pursue that field.
- Learn Python & Django, They were giving preference to these 2 languages.
- CGPA didn't play a big role in the interview.





Jio

Sector: IT

Name: Soumya Kaushik

Company: Jio

Role: Software developer

Recruitment Procedure:

- Online test: (45 mins, 2 questions)
 - Questions were completely randomized for all
 - Graphs, DP (Important), Basic implementation and programming
- Technical Round 1
 - Questions on CV, Projects, Work experience, 10th, 12th
 - Linked list, OOPs (Polymorphism+basics), Basic programming question
- Technical Round 2
 - Hyderabad team was from Data science background
 - Question on Machine Learning, Graph, OS
- HR Round
 - General questions

Sources of Preparation:

- InterviewBit - Programming
- Trees and Graphs from Geeks for Geeks
- Slides of electives offered on campus

Other Relevant Information:

There is one section in GFG with company-specific questions, try to cover it fully as all the companies I applied for had very similar questions. Try to learn System design also. CV is very important, so make sure you know everything about whatever you have written.





Sector: IT

Name: Pranav Jadhav (2016A3PS0253H)

Company: Jio

Role: Software Developer

Recruitment Procedure:

- The online test was supposed to be taken from our rooms. The test had 2 coding questions that had to be completed within 70 minutes.
- The first question was a modification of the following problem:
(<https://www.geeksforgeeks.org/minimum-number-platforms-required-railwaybus-station/>)
- The second question was based on arrays.
- All those who could at least solve one question and partially solve the other were shortlisted for the next round.
- There were two interview rounds and one HR round.
- In the first interview round, questions were on projects and explained any one project exhaustively. Pseudo-code for questions on linked lists, implementation of stack in DSA. In operating systems, questions were on semaphores, threads, and virtual memory.
- In the second interview round, It was asked to give the most efficient solution for these problems:
<https://www.geeksforgeeks.org/given-an-array-of-pairs-find-all-symmetric-pairs-in-it/> <https://www.geeksforgeeks.org/print-hello-world-without-semicolon-in-cpp/>
- Questions on my resume and machine learning projects in my resume and questions on linear regression. Finally, a few questions were asked on OOP concepts.
- In the HR round, HR explained the functioning of Jio and gave information about various job profiles that were available.
- 7 students received the job offer at the end of these 3 rounds.
- CGPA didn't play any major role in the interview rounds. Your technical knowledge was given more importance





Sources of Preparation:

- Practice coding questions from GeeksforGeeks and Interviewbit.
- Leetcode also has good topic wise questions.
- Practicing the company-wise coding questions from GfG can give an idea of the difficulty level of questions asked in the online tests.
- The college curriculum of OS and OOP is sufficient to answer questions on these topics. For DSA, the college curriculum is not sufficient as more practice of coding questions is necessary.
- Apart from practicing coding questions, covering the theoretical part of DSA is also essential. GfG can be referred for this.
- Try to make your basics strong because every interview begins with basic questions and it creates a good impression if you are able to answer them confidently.
- DSA, OOP, OS courses and refer to the slides of these courses. The slides were really helpful for a quick revision of the important topics.

Other Relevant Informatio:

- Started preparation in September. You will need to practice coding questions regularly for 3-4 months to be confident of getting placed on Day0 or Day1.
- Your resume should have a strong project which you can discuss for 10-15 minutes.
- Only mention those topics which you are comfortable in on your resume.
- Interviewers sometimes also look for expertise in DBMS and Networks





Sector: IT

Name: Abhinav (2015B4AAPS0630H)

Company: Jio

Role: Software Developer

Recruitment Procedure:

- Online Test: Some have 2 to 3 tough questions. Some have 4 easy questions but less time. The point to notice is to give your brute force solution first to a problem if you don't know the optimised approach. Later, try to optimize it. Some companies give partial marks to brute force solutions which may get you shortlisted for the interview.
- First round was DSA. 4 questions were asked. They were medium level questions. I was asked to write pseudo codes in the language of my choice. You can give the solution that comes to your mind and then improve upon it. Take your time. The interviewer will also give you some hints if you are stuck.
- Second round will be based on your projects and basic CS fundamentals like OOPS. Prepare well in the field in which you did your project. One or two DSA questions may be asked in this round.
- HRound: They had basic hr questions. The deciding rounds were the first two but do prepare for this round beforehand.

Sources of Preparation:

- The optimum time for a student who is familiar with coding would be 4 to 5 months. College curriculum helps in preparation for Jio.
- The crucial courses would be DSA, OOPS, OS, DBMS and ML.
- Learn the basics of courses in geeks for geeks and practice well.
- DSA and OOPS are very important in deciding your recruitment chances in most of the companies.
- Code chef's CCDSAP certification will be helpful for placements.

Other Relevant Information:

Know about the company beforehand. Find out about the role and what the company does. Please don't expect that all companies start their interview with the Technical round. Some start with HR type questions as well. One of the companies where the first question was, Why do you want to work for this company?





Amazon

Sector: IT

Name: Prajval Gupta

Company: Amazon

Role: Software Development Engineer, SDE

Recruitment Procedure:

Online test- The online test was conducted on mettl platform and had 2 sections:

- 20 MCQs based on OS, OOP and DSA.
- 2 coding questions
MCQs were easy, the majority of questions were based on predicting the C/C++ output and OS.
- 1st coding question was to find minimum number of jumps to reach the end of an array-(<https://www.geeksforgeeks.org/minimum-number-of-jumps-to-reach-end-of-a-given-array/>)
- 2nd coding question was dice throw- (<https://www.geeksforgeeks.org/dice-throw-dp-30/>)

24 students were selected after the online round.

Do at least 1.5 coding questions to clear the online round.

There were 3 technical interviews and a 4th technical-cum-HR interview.

Technical interview (Round 1)- 2 questions were asked based on DSA.

- 1st question: In a given linked list find the middle element. This was an easy question and the interviewer wanted the solution using 2 pointers.
- 2nd question: Merge and sort arrays.

Technical interview (Round 2)- 2 questions based on trees.

- 1st question: Lowest common ancestor in a binary tree (<https://www.geeksforgeeks.org/lowest-common-ancestor-binary-tree-set-1/>)
- 2nd question: Find maximum sum path between two leaves in a binary tree (<https://www.geeksforgeeks.org/find-maximum-path-sum-two-leaves-binary-tree/>)





Technical interview (Round 3)-

The interviewer had a look at my resume and asked me to briefly explain my projects and asked some questions based on the projects. Then he asked me questions based on OS like- define throttling, a question on round robin algorithm and some questions on paging, page table etc. He also asked questions on OOP concepts- difference between method overloading and overriding, defining 4 principles of OOP, etc. Finally he asked 1 coding question: Heap sort a binary tree- (<https://www.geeksforgeeks.org/heap-sort/>)

Technical interview (Round) HR round-

The interviewer first asked me to briefly explain to him my course projects and the work I did in my internship. Then he asked questions based on amazon leadership principles (<https://www.amazon.jobs/en/principles>) like- In your internship did you ever learn anything out of curiosity and not because you have to? How your project helped the company or your team? I answered these questions based on the Amazon principles.

- Then he asked me 2 coding questions: 1st question: Given n line segments with their start and end coordinates (x_1, y_1) & (x_2, y_2) in a cartesian plane, find a line (not line segment) parallel to the y-axis that intersects maximum line segments. I didn't write code for this question, he just wanted to see my approach.
- 2nd question: Find shortest distance of all vertices from source vertex
<https://practice.geeksforgeeks.org/problems/implementing-dijkstra-set-1-adjacency-matrix/1>

Sources of Preparation:

Hackerearth and youtube for DSA theory, GFG, InterviewBit and LeetCode for practice I've also done OS, OOP, Computer Architecture, Network programming.

Other relevant information:

- Try to do at least 2 projects on your own or through courses that you can add in your resume. Courses that offer good projects are Data mining, ML, AI, IR, etc.
- Amazon wants its candidates to know OS, so if you have not done the course, try learning it on your own.
- Practice DSA a lot and try to study in groups & be thorough with your resume.
- Pro-Tip: Don't take the amazon leadership principles lightly, try to find out how you can relate to those principles (4-5 are sufficient).





Standard Chartered

Sector: IT

Name: Baasit Sharief

Company: Standard Chartered

Role: Analyst

Recruitment Procedure:

- Online test: Some MCQs, 1 SQL question, 1 coding (very simple to be honest).
- Round 1: It had 2 people from the deep learning team interviewing me. Since they had come specifically for a deep learning role, after going through my resume, they asked my reason to get into Deep Learning. Furthermore, on seeing I did my PS2 in IISc and it was a DL role, they had asked me a lot of questions based on my work related to that i.e. problems I faced there, how I tackled them, what all new I suggested etc. Along with that, they had given me an arbitrary problem and then asked what my plan of work would be like. Then, they asked me basic questions on data handling, class imbalance and how to tackle it, how to select/design a model based on use cases, and improving the model. I remember being the only one to go through to the second round as soon as I finished my interview.
- Round 2: More fundamental than the first round & more math oriented. The interviewer was the head of the Deep Learning team in Standard Chartered GBS, Chennai. He had asked me about what convolutions are and about activation functions. Ranges and equations of the most popular ones and made me draw the graphs. A question about clustering which I had not much knowledge about. Later, I was asked to explain about the YOLO detection model, to which I answered briefly. Lastly, a question upon how I can use basic image processing and traditional ML techniques to find a solution to a problem, without the use of neural networks.
- HR Round: She asked me about my family background and as soon as she came to know that I was also a Bengali, it became more or less of a conversation between two bengalis. She also asked me if I knew any previous clients of the company, to which I goofily mentioned about Liverpool FC. I guess that was it. I was later called up and given the offer.





Sources of Preparation:

I was sitting for SDE roles also. I got shortlisted for around 11 roles before this also, was also shortlisted for the next process in DBOI. I had started preparing for placements from the summer before PS2. Whenever I used to get time, I would go on to leetcode or hackerearth and do the problems there. When my model at my PS2 would be training, I'd turn on my laptop and start coding. I'd almost spend around 2-3 hours every day in competitive coding.

Other relevant Information:

I had done Digital Image Processing, which sparked my interest towards my computer vision. So, I completed the Deep Learning Specialization by deeplearning.ai from coursera and got the certifications for it. Over that, I would go through articles and papers on computer vision from time to time. The 3rd course from the specialization i.e. 'Structuring Machine Learning Projects' was actually the most important for this role because most of the questions were based on planning and managing which was explained in this course.





Celigo

Sector: IT

Name: Simgamsetty Sai Srikar

Company: Celigo

Role: Software Engineer

Recruitment Procedure:

- Online Test (Coding + MCQ):
The questions weren't that difficult but there was a time shortage which made the MCQ questions important.
- First Technical Round:
In the first technical round few basic questions were given related to coding then the interview moved towards the questions based on the projects and summer internship that was present on the resume.
- Second Technical Round:
In the second technical round the focus of questions were on OOPS and DSA. This was the most important round with respect to selection as the focus was on your coding concepts.
- HR Round:
The round started with few of the logical reasoning questions and later it moved forward with the normal HR questions (Strengths, couple of questions on resume).

Sources of Preparation

Interview Bit along training material and sessions given by placement division.

Other Relevant Information

Start coding as soon as possible. Interview Bit is one of the best platforms for practicing and aside coding OOPS and OS are the basic concepts which helps you a lot in interviews. One important thing is never use editors which give you suggestions while coding because in the interview it is possible that you may be asked to write the complete code for a problem on paper which will be difficult if someone uses those auto suggestions.





Fanatics

Sector: IT

Full Name: Shivam Bhagat

Company: Fanatics

Role: Software Engineer/Data Engineer

Recruitment Procedure :

- Online Coding Test
- Technical Interview
- HR Interview

Interview Questions :

- Find duplicate elements in the array.
- Find longest path between any 2 nodes in a general tree
- Find MST of a graph
- Made me execute 2 SQL queries on their laptop.
- Resume project questions
- General questions like why Physics as a dual degree?

HR: All general questions.

Sources of Preparation :

- Geeksforgeeks
- Interviewbit
- Cormen
- Narasimha Karumanchi





Sector: IT

Name: Mahicharan Galla

Company: Fanatics

Role: Software Developer

Recruitment Procedure:

- Coding Round
- Interview round
- HR round

Interview Questions:

- Questions on resume.
- Implement a queue using stacks:
Assume you know the values of all perfect square roots($\text{sq}(9)=3$, $\text{sq}(16)=4$, $25=5$, $64=6\dots$), How do you find the value of $\text{sq}(x)$ where x can be any whole number with the help of a calculator which can only add, subtract, multiply and divide. Eg. Find $\text{sq}(70)$. (Solved it using binary search)
- Various mostly simple questions on binary search trees:
How do you solve the eq. $x^2+3|x|+3=0$. (Sol: no real roots. Imaginary roots exist. Told the exhaustive method to find x , didn't calculate by hand)

Sources of Preparation:

Geeksforgeeks, Interviewbit

Other Relevant Information:

Interview mostly easy and strongly tests the basics.





Sector: IT

Name: Raj Nandwani

Company: Fanatics

Profile: SDE

Recruitment Procedure:

- 1 Online test, HR interview and Technical interview.
- The online test mainly consisted of coding questions.
- The interview with HR consisted of questions to know about the student and family, strengths and weaknesses and also resume based questions.
- Technical interview had a panel of 5 interviewers. The questions were based on SQL queries, Coding, Git related questions and also covered fundamentals of C language.

Sources of Preparation:

Summer Internship

PS-2

Interview bit, Cracking the coding interviews and Geeks for Geeks.

Courses and Certification:

DSA is the course with the most importance. Knowledge of OOP, OS, DBMS, Networks, etc. also give an advantage in the interview.

Other Relevant information:

Controlling pressure is the key to excel in any interview.

Starting preparation at an early stage will help in better performance in the interview.





Mathworks

Sector: IT

Name: Mohith Kulkarni

Company: Mathworks

Role: EDG

Recruitment Procedure:

Three rounds - Technical, HR, Manager. Order might vary.

Interview Questions:

- Simple language based questions and entry level questions in time complexity, linked lists, trees.
- For HR and Manager rounds refer to the link below. Almost similar questions were asked.
- <https://www.geeksforgeeks.org/mathworks-interview-experienceedg/>

Sources of Preparation:

Leetcode, interview bit, geeksforgeeks.

Other Relevant Information:

Refer to this for interview process (this helped me alot during the interview)

<https://www.geeksforgeeks.org/mathworks-interview-experienceedg/>





Postman

Sector: IT

Name: Chetan Waingankar

Company: Postman

Profile: Software Engineer

Recruitment Procedure:

- **Online Test (Coding + MCQ):**
The test consisted of fairly easy DSA problems and MCQ's on networks, DSA which were a bit tricky.
- **First Technical Round:**
In the first technical round the questions were asked on every subject that was mentioned on the resume, with relatively more questions on computer networks.
- **Second Technical Round:**
In the second technical round they focused mainly on the projects that were mentioned in the resume. The questions were then asked how you would tackle specific problems in the project and why was that particular approach taken.
- **Third Technical Round:**
In the third technical round there was a single problem given on system designs.
- **HR Round:**
The round started with a few questions based on the company, its domain and the work structure they followed followed by few questions on resume in general.

Sources of Preparation:

- Regular participation in competitive coding contests on codeforces and codechef to develop a deep understanding of DSA. Taking part in other contests such as ACM ICPC, Facebook Hacker Cup, Google CodeJam.
- A couple of months before the placement season the focus was more on interview specific questions for which problem solving from leetcode and interviewbit were useful.
- Apart from DSA, OOP, OS, DBMS and Networks were the topics of focus. Revision of concepts used in the projects listed on the resume.





Other Relevant Information:

Start preparing right away, don't delay it. Study DSA, OOP, OS. The best way to learn is by solving problems. Interviewbit and leetcode are great platforms. Attempt a problem for around 20-40 minutes. If you can't solve it, look up the solution and learn the theory/algorithm used to solve it. Ask your batchmates/seniors to conduct mock interviews. After every online test/interview, find the solution to questions that you were unable to answer correctly.





EA Games

Sector: IT

Name: Chakradhar G.S.V

Company: EA Games

Profile: Software Developer, SDE

Recruitment procedure:

Online Round:

Part one was 3 MCQs (no negative marks) covering various topics like OOPS, DSA, DBMS, Networking and some aptitude.

3 coding questions were supposed to be solved in 1 hour. (Medium level)

- A variation of this question was asked instead of word, it was asked to find the length of maximum consecutive alphabets
<https://www.geeksforgeeks.org/search-a-word-in-a-2d-grid-of-characters/>
- This was on the tougher side of the question; the remaining were a bit on the easier side.

Round-1 (F2F interview): 1 hour

- Two DSA questions were asked. Interviewer was pretty nice. After the question was asked I took 30 seconds of time and started telling my idea for the solution. He nudged me towards the right way when I was deviating, but you need to take the opportunity when given.
 - Asked some small things on my resume and then moved on quickly to DSA.
 - Finding the frequency of a number in an array without using any extra space.
<https://www.geeksforgeeks.org/count-frequencies-elements-array-o1-extra-space-time/>
 - Mirror a tree when given a root.
 - Then he asked if I had any questions for him.
- Around 20 people were shortlisted to this round & 10 were selected to the next round.





Round-2: 1 hour

This round was also on DSA, but slightly on the difficult side (DP, tough Trees). Again, the interviewer was very patient. When I proposed not the most efficient solution, he was giving clues to find the most efficient solution.

- Least common ancestor
<https://www.geeksforgeeks.org/lowest-common-ancestor-binary-tree-set-1/>
- A DP question was asked, a 2D DP was asked.
Pro-Tip: Even though you know the most efficient solution don't let the interviewer know it. Starting from the less efficient solution leads to the most efficient solution that creates more impression as they see you as a problem solver.

Round -3: 1 hour

This Interview was taken by a senior member in the team. This round was mainly based on resume and problem-solving skills.

- He asked questions about every one of my projects, why was the project done, use case and scalability.
 - OOPS concepts
 - Draw a class diagram for a specific use case (Transportation system)
 - He gave me 10 mins of time to gather my thoughts and draw it & spent 10 minutes discussing it.
- Only 5 were shortlisted for this round. 3 were qualified to the next round.

Round-4: 1 hour

The interviewer was very experienced, he went through my resume and asked why I was interested in certain areas and why I did certain projects.

- Asked me to draw an architecture for a suggestion system
- I drew it with some flaws for the first time. He pointed it out & asked me to redraw.
- I redrew so that I can overcome the flaws he was pretty satisfied by my diagram
- Asked me why I drew certain things, I explained, he did point out some flaws but still was pretty positive about the design.
- 3 people were shortlisted and all 3 were selected.





HR Round:

She asked me a simple question on my resume, like if my degree is MSc Chemistry + BE Electronics, then how was it related to CS, what is your dream company to work in and why do you want to work in EA.

Sources of Preparation:

InterviewBit, Geeks for Geeks, LeetCode

I've done DSA, OOPS, OS

Other Relevant Information:

Practice as much DSA as you can. Be strong in your basics and be confident in your answers.

Projects that you do in these courses (OOPS/OS) are more than enough.

Also, I had a PS2 project on app development.





Sector: IT

Name: Priyansha Sharma

Company: EA Games

Profile: Software Engineer

Recruitment Procedure:

Online Test (Coding + MCQ):

The test consisted of a few DSA questions.

1. **First Technical Round:** In the first technical round the questions that were asked were simple DSA questions like reversing linked list, string value in min heap. In all the questions pseudo code had to be written.
2. **Second Technical Round:** In the second technical round the questions were based on OOP, OS and DSA questions in depth (linked list and tree).
3. **Third Technical Round:** In the third technical round the interview started with system design of IRCTC along with a lot of questions on the OOP project mentioned on the resume followed by questions on the projects done during the time of internships.
4. **Fourth Technical Round:** In the fourth technical round the interview was based on the projects mentioned on the resume including the electronics project as well. Then the question came up was how a PS project was beneficial for the PS Company.
5. **HR Round:** The round started with normal questions why EA. Top 3 dream companies, what do you expect from the job and few behavioral questions which included prioritizing the 4 things in job- money, job location, job profile and work life balance.

Sources of Preparation:

The main source of preparation was Geeks for Geeks and InterviewBit
I've done OOPS, OS, DSA from Geeks for Geeks.

Other Relevant Information:

Learn basics from geeksforgeeks that will help in interviews. For coding round, practice on interviewbit is must. Don't panic during the interview.





Strand Life Sciences

Sector: IT

Name: K Sri Sai Venkata Rama Krishna (2015B3A70610H)

Company: Strand Life Sciences

Profile: Associate Software Engineer

Recruitment Procedure:

Pen and Paper Test and Two Technical Interviews.

- Pen and Paper Test: Majorly the test contained basic DSA and TOC questions.
- Interview: (No HR Round)

Round 1: They asked only DSA questions in the interview. No DP question. Compared to other interviews I attended this interview was on the easier side.

Round 2: This was 2 on 1 interview. There were around 7 questions in the interview. On Sorting, Graphs, Trees and Heaps. I was asked to write complete code on paper. They were focusing more on ability to write code on paper rather than efficiency of the algorithm.

Sources of Preparation:

Interviewbit, Geeks for Geeks and classroom slides.

Courses like OOP and DSA should be paid more attention.

Other relevant information:

- Start preparing at least 3 months before placement season if not before.
- Practice writing codes on paper. Complete interviewbit exercises.
- DSA and basic OOP is everything for most of the interviews.
- Operating System and Networking questions are relatively very low.
- If you are done with most of DSA and OOP, go through System Design tutorials.





Sector: IT

Name: Srithan Chowdarapu (2016AAPS0197H)

Company: Strand Life Sciences

Profile: Associate Software Engineer

Recruitment Procedure:

Written test and two rounds of interview.

First Round: Written test, Basic competitive coding.

Second Round:

- Interview I
 - It was completely based on my resume.
 - Had a lot of questions based on projects mentioned in the resume.
 - Expect a lot of questions based on PS work.
 - Questions targeted to check concepts of coding, good writing practices, and concepts of OOP.
- Interview II
 - This round was solely coding based, dynamic questions.

Sources of Preparation:

Geeks for Geeks

OOP should be covered extensively

Other Relevant Information:

Clarity is OOPs concepts is tremendously helpful.

They ask to solve aptitude questions and then write the code for the same.





Symphony AI

Sector: IT

Name: Abhinav Sood

Company: Symphony AI

Profile: Associate Software Engineer

Recruitment Procedure:

Shortlisting Round-

Mostly consisted of aptitude questions and one coding question (all pen and paper) that was afterwards used in an interview round. For practice, I used the platform provided by the PU (CoCubes). The coding question was based on arrays and hashing and was quite easy, but big.

Technical interview (Round 1)-

I was asked the difference between trees and graphs, some basic OS questions, and for the coding part, I was asked to write the code for level order traversal of tree (line wise). The interviewer was very helpful and patient. I would advise the interviewee to clear his/her doubts with the interviewer, no matter how trivial they seem and to always keep an eye out for corner cases.

Technical interview (Round 2)-

I was asked about my project done in my PS at ServiceNow and some basic SQL queries related to the project. Then I was asked some basic questions related to Machine Learning like TF-IDF, but I was not able to answer this properly. Then I was asked two coding questions, one was related to hashing and arrays, and the other was of trees. The first one was quite easy and a fairly common question. The second one was exceptionally hard and took a lot of time to come up with just the approach.

Technical interview (Round 3) HR round-

I was asked simple questions like tell me about yourself, your field of interest, when did you start learning DS. Also, some questions were related to my family, my hometown and was asked to choose between Delhi, Chennai and Bangalore as my choice of workplace.





Sources of Preparation:

GeeksForGeeks and Interviewbit, with CoCubes for aptitude questions and W3schools for SQL.

I've also done DSA, Object Oriented Programming, Operating Systems.

Other Relevant Information:

Prepare OOP and OS thoroughly. For DSA all topics are important and you should be able to implement basic data structures like Linked List, Stack, Trees from scratch. Also do a lot of practice for DP (Dynamic Programming). I was also asked some questions on my PS project which was based on Angular and Spring Boot, so be thorough with your PS project.





Sector: IT

Name: Shashi Preetham Thangallapally

Company: Symphony AI

Profile: Software Development Engineer, SDE

Recruitment Procedure:

Initially there will be a PPT where a brief idea of their working and the role will be given.

Shortlisting Round-

After a week, a written test will be conducted. The test consists of basic math, aptitude and DSA. In the coding part a pseudo code will be asked. The shortlisted students will go through 3 rounds of interviews

Technical interview (Round 1)-

Basic technical interview round. The interviewer tests the candidate on various subjects like OS, DBMS, Networks, DSA etc. The questions will be simple and could be answered with brief knowledge on the subject. I was given a DP question about ladder and should find out the total number of ways one can climb the ladder. This question is available on InterviewBit. I was also asked a Maps question. Some theoretical questions will be asked as well.

Technical interview (Round 2)-

The second round is a resume round. All the projects you worked on, will be discussed. A few DSA, DBMS questions will be asked. I was given a GRAPHS question which can be solved with queues. A DBMS question was asked where an SQL command had to be written. This round will play an important part in recruitment. This round will be interviewed by an experienced candidate.

Technical interview (Round 3) HR round-

The last round is a basic HR round where he asks about the family background and the student's preferences. After an hour or so, the results were announced.

Sources of Preparation:

Geeksforgeeks, InterviewBit, LeetCode, Hackerrank

I've done DSA, Networks, OOP, DBMS, OS.





Other Relevant Information:

- The CGPA doesn't play any criteria in recruitment. The cutoff is 6 and after the written test, the scores are given more importance.
- The resume has to be very clear and every point in the resume will be thoroughly checked in the interview. If you get confused on any project you've mentioned, it affects your chances.
- Every round will be easy and one can easily crack the interview with ample knowledge on the subject. The PS project, which was on Web Development, turned out to be useful for the interview.
- Confidence is the key and always make sure the interviewer is listening to whatever you are explaining.





Sector: IT

Name: Vinay Phani Santosh Lakkimsetty (2016AAPS0179H)

Company: Symphony AI

Profile: Associate Software Engineer

Recruitment Procedure:

Shortlisting Round-

- It's a written test and there's no online round in the entire procedure.
- It ranges from coding (writing a pseudo code) to aptitude part.
- One very basic coding question from DSA.
Around 10 or 12 students were shortlisted from 100 students.

Technical interview (Round 1)- 25min

- In this round they asked me about DSA,
- 2 basic questions about Computer Networks. Since it's not on my resume, they asked very basic questions on this part, although I still had a bit of knowledge about it
- 1 question was asked from trees.
- Apart from this, they asked me about my Internship/PS work which was on Web designing using Django.

Technical interview (Round 2)- 40min

- In this round they mainly resume-based so they asked me about my internship projects.
- I have done a total of 3 IT projects in the PS internship so they asked questions on those.
- Second important thing in this round they interviewed on was SQL queries. So from DBMS, knowing how to write SQL queries is really important.
- Since I mentioned that my primary language is Python so they asked me questions about Python.





Technical interview (Round 3) HR round-

- There were some general questions on my hobbies, field of interest, etc.
- They really tricked us regarding the place, luckily I knew that the company was based in Bengaluru. But if you are too rigid with choosing your hometown, say Hyderabad, so then it's definitely had a negative impact.

Sources of Preparation:

- SQL from Geeks for Geeks
- DSA from InterviewBit
- DBMS videos from YouTube
- I've done Computer Networks and OS as my campus courses.

Other Relevant Information:

Prepare SQL in depth because they are mainly looking for Data Base Management. Also focus more on Networks and DSA.

If there's a slightest mistake on your resume, it would prove to be really bad.





Synchrony

Sector: IT

Name: Krishnateja Anumolu

Company: Synchrony

Profile: IT Developer

Recruitment Procedure:

Online Test: The test was completely based on coding.

First Technical Round:

In the first technical round there were few programming questions followed by basic concepts of OOP, OS and DBMS.

Second Technical Round:

In the second technical round the questions were more in depth based on DSA and then followed by questions on the projects included in the resume. After which there were few behavioral questions, ending with a couple questions related to the company.

Sources of Preparation:

Solving Interviewbit.

Revision of CS subjects from slides and YouTube.

Went through previous experiences and must solve problems in GFG.

Other Relevant Information:

Solve Interviewbit, not just a few problems from a bucket, but all of them (most of the questions in the tests are from Interviewbit). Go through GFG as many times as possible. Read previous experiences in GFG before each process. Don't neglect OOPS, OS and DBMS.

Learn more than one programming language. Some companies may not permit Python (very few, but might happen though). Practice in both C++ and Java.





Oracle

Sector: IT

Name: C Yashwaswi

Company: Oracle

Profile: Member of Technical Staff

Recruitment Procedure:

Online Test: The test consisted of coding problems.

Second Technical Round:

OOP and design questions along with puzzles. OOP pillars, virtual function, runtime polymorphism, and OOP design question : Design a parking lot (special constraints: phc people, gas vehicles etc)-you need to ask for constraints for a good design considering all cases. Show run time polymorphism most importantly (in my question) and other OOP concepts like inheritance, encap, and other fundamental OOP concepts etc in this design and explain him. Puzzles: train and tunnel and one other fractions puzzle and one more puzzle.

Third Technical Round:

Maths questions: Form a Magic Square of 3*3, form a number given constraints (number*9=number in reverse), box faces numbering such that no consecutive are adjacent and one more math question iirc. DSA question : Dynamic programming, and one/two more questions.

HR Round:

Normal HR questions based on resume.

Sources of Preparation:

The main source of preparation was Geeks for Geeks.

Other Relevant Information:

If you are NON-CS/don't know DSA basics, first complete all the playlists of MyCodeSchool. And if you aren't familiar with any OOP language, study C++ (or Java) from YouTube videos. Before an interview, go through gfg archives of that company. Prepare for DSA and OOP properly and if time permits, then go for OS/DBMS.





Udaan

Sector: IT

Name: Naveen Kumar Battula

Company: Udaan

Profile: SDE (Backend)

Recruitment Procedure:

- 1 Online test, 1 Practical and 1-2 rounds of interview.
- The online test tasked the students for backend development for flights.
- For the practical round, students could take personal laptops and had to do backend development for the case given.
- Due to time shortage, some students had 1 (rather than 2) rounds of interview which consisted of questions from OOP, DBMS, Network Programming, etc.

Sources of Preparation :

- Freelancing
- Interview bit
- Knowledge of Python, Software Engineering, Network programming, OS, DBMS, etc. play major roles.

Other Relevant Information:

- Keep calm in the interview and put forward a positive resume.
- Remain Optimistic throughout the placement season.
- Having knowledge about the company and job role beforehand helps a lot.





Birla Institute of Technology & Science, Pilani
Hyderabad Campus

Domain

NON-TECH



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Applied Data Finance

Sector: Analytics

Name: Aviral Yadav

Company: Applied Data finance

Profile: Junior Data Scientist

Recruitment Process

- Offline test (Pen-Paper) 120 min test
3 Sections: Basic Aptitude, Programming, SQL
Aptitude and programming were of primary concern.
45 min Aptitude (25 Questions) 45 min programmings (2questions) 30 min SQL (10). The difficulty level of SQL was moderate, Programming was easy, Aptitude was moderate. Programming consisted of basic questions like arrays, strings.
- Technical Round 1-4
 - There was not much difference in all the technical rounds, but the difficulty level was increasing consistently.
 - Mainly focused on programming i.e. Problem solving using programming. Programming language - (Any will do)
 - Decent coding skills and good problems solving skills required.'
 - Some questions on recursions, some on function calling.
 - Some questions on algorithms which they will require you to solve in the best time complexity.
 - Some questions on puzzles (Geeksforgeeks)

Sources of Preparation:

- Aptitude problem solving (Training tests) or Geeksforgeeks
- Programming - C++ (Interview Bit, Hacker rank) try to learn algorithms and syntax
- SQL (Many videos on youtube), Interview bit (Basic syntax and basic theories of SQL programming) trying to write queries after that switch to hacker rank.
- DSA - InterviewBit





Other Relevant Information:

- Practice aptitude - It might look easy but keep practicing otherwise it will be really difficult to manage time at the time of online tests.
- You can cover the lack of SQL knowledge by learning the basics of programming languages. The advantage will always be there for those students who know to code.
- It would be really beneficial for all the students to cover all the puzzles from geeks for geeks as they may be asked in all the domains.
- Some non tech companies will end up asking basic programming so knowledge of C programming will keep you a step ahead.
- If your aptitude is good to try to focus on increasing your speed. In initial phase companies will shortlist only 10-20% of students for the second round, so to deal with the competition try to increase your speed and accuracy of solving.
- For those people whose placements go on till late, please don't lose hope and you might feel down sometimes but the best part is you should always support your friends and lift their spirits up whenever they are feeling because it might happen many times.
- Since I knew my CG was low i.e. <6, So I knew I'll get limited chances, I was more inclined towards non-tech roles but I didn't want to rely on just one option. So I started preparing for both the sectors. Some companies were not convinced with my CGPA and I didn't do that well in my Interviews to cope up with my CG.
- But if your performance is really good then your CGPA won't matter in the selection process.
- Last but not least. Start preparing for the placement season as early as possible it will boost your confidence.





Anarock

Sector: Consulting

Name: Ankur Maheshwari

Company: Anarock

Profile: Product Analyst

Recruitment Procedure:

- Online test 1:
 - General knowledge
 - Maths, Probability statistics
 - 2 SQL questions.
 - Programming (basics, internal loops).
- Interview round 1: 25-30 min.
 - Based on the resume.
 - 2-3 Technical questions
 - Business-related questions
- Interview round 2:
 - SQL questions
 - Programming questions converted into Puzzles for InterviewTime complexity. Analytical thinking required.

Sources of Preparation:

- Python from small projects and courses online.
- InterviewBit for SQL (Same questions were asked)
- Case in Point, Case Interview cracked
- Geeksforgeeks for Aptitude and puzzles

Other Relevant Information:

- Study about tech.
- Learn about UI/UX.
- While solving puzzles try to solve it in a structured





Darwinbox

Sector: Analytics

Name: Richa Tiwari

Company: Darwinbox

Profile: Business Analyst

Recruitment Procedure:

- 1 Online test, 1 case study round, 1-2 video interviews.
- The online test was of 1 hr. and had aptitude based questions.
- Case study round was based on solving a case study (possible improvements in Netflix in this case) and the time allotted was 1.5 hrs.
- 1-2 video interviews covered questions based on resume, the case study solved in the previous round, project discussion and behavioral questions.

Sources of Preparation:

- Training Workshops on consultancy
- Solving different types of case studies
- PS-2 project
- Knowledge of POM, BAV, DBMS and basics of data science courses.

Other Relevant Information:

Try to sit for as many companies as one can and don't be too specific in selecting companies to sit.

Present your resume in a way it fits the Job Description.

Have a check of the reviews for the Job Description online to have better knowledge of the job.





JPMC

Sector: Analytics

Name: Harjot Singh

Company: JPMC

Profile: Analyst - Quantitative research

Recruitment Procedure:

- Online Test 1 (Co-Cubes)
PART A (MCQ) -
 - LOGICAL REASONING
 - MATHEMATICS (PROB STATS, PNC, ALGEBRA)
 - PROGRAMMING
 - OOP, DSA, C programmingPART B -
 - Coding questions 40 min
 - 1D, 2D - Dynamic programming
 - Binary search
 - Linked lists
 - Only those who answered both the questions correctly were shortlisted.
- Interview Rounds 1-3
 - Technical Interviews
 - Probability concepts, Questions
 - Questions based on calculus, Algebra
 - OOPs, DSA concepts main (tricky questions)
- Interview Round 4
 - Based on resume (Projects main).
 - Puzzles
 - Questions on conditional probability.
 - HR round
- Interview Round 5
 - One phone call
 - 5 min interview
 - HR Round





Sources of Preparation:

- InterviewBit - Programming questions in the online test were directly asked.
- DSA - Practice from InterviewBit, Geeksforgeeks, Hackerrank
- CDC courses in college
- JEE math

Other Relevant Information:

JPMC- quant is the only tech profile that asks maths, no other tech profile asks it, so better to concentrate more on other subjects. Interview bit is must for cracking online tests. DP is very important (at least 1 question in every online test). Use summer vacations wisely, practice coding a lot and concepts of DSA, OOPS, OS, DBMS. Knowledge of machine learning will be an added advantage. Make your resume wisely, add only those subjects which you are confident with along with 3-4 projects. ALL THE BEST!





Deloitte

Sector: Analytics

Name: Vaishnavi Choppalli

Company: Deloitte

Profile: Business Analyst

Recruitment Procedure:

- 1 video round, 1 behavioral round and 1 case study round.
- The video round consisted of questions in form of small case studies and also situation based questions.
- Behavioral round was mainly based on the resume, guesstimates and some technical questions.
- In case study round, a case study (e.g. manufacturing) had to be solved in about 1 hr and 15 minutes.

Sources of Preparation:

- Case interviews cracked
- Guesstimates
- Campus training
- Knowledge of HRD

Other Relevant Information:

- Try solving cases of different sectors to have a general idea of every sector.
- Have some topics deeply prepared for questions which ask you to present the best work done.
- CG is an important factor which gives reflection of your resume, don't try to aim too high (9+) but maintain it to a decent level.





Sector: IT/ Non-tech

Student's Name: Utkarsh Mishra

Company: Deloitte

Profile: Business Technology Analyst (BTA)

Recruitment Procedure:

Online Test: 1.5 hours (30min + 1hour for coding)

- This section had 2 sections broadly. First half was logical ability and had MCQ in it. Questions were of decent level and similar to those asked in other competitive exams. The second section was the coding part which had 2 coding questions and could be solved in any of the major languages. There were partial marks based on the number of successful test cases that run.
- The questions weren't very tough and a few months of practice in coding would definitely get you through this round.
- Almost 65 selects in this round

Technical Interview 1: 20min

- This was a guesstimate round. I was asked to calculate the no. Of Ubers cars in Mumbai along with their average revenue per day per car. Like most guesstimates, it was process driven and they were judging us on the approach and its clarification.
- Apart from this some basic questions based on the resume were asked too.
- Since this profile was open for all tech & non-tech students, they wanted some technical touch to your resume, majorly in your PS-2 although not compulsory

Technical Interview 2: 15min

- This was a case study round. They presented us with a business case study. I was asked to design an ERP system and was asked questions on how to make it more effective. Interview was very similar to a case study interview, where you basically discuss things with the interviewer in the start and then present your solution to the case.
- 8 selects in this round





Technical Interview 3 / HR round: 25min

- This was a pure resume based round where they were basically checking your compatibility and questions purely based on your resume were asked.
- PS2- Morningstar (Product Management intern): Did a project on VBA to automate the file generation task. Questions on the VBA automation work were asked
- Summer Internship- Futures First (Data Analysis and Trading)
- PS-1- Hindalco Industries (Project on App Development on which a few questions were asked)
- Off-campus- Tinder Campus Representative (Many questions about leadership qualities and management were asked on this experience)
- Final selects: 5

Sources of Preparation:

Python: Udemy

Guesstimates and case studies: Case Interviews Cracked, Vault's guide, Case In Point.

- Basic knowledge of DSA is required to be able to do the coding questions of the online test.
- Apart from that I've done OOPS.
- I've also done all other Finance courses but that was irrelevant to this interview.

Other Relevant Information:

Coding wasn't the basic focus. They wanted people with a slight coding background but good enough knowledge in Guesstimates and Case Studies. So the primary focus should be that and no coding questions were asked in the interview. Although having coding practice will anyways be very beneficial.





Sector: Analytics

Name: Charitha Reddy

Company: Deloitte

Profile: Business Technology Analyst

Recruitment Procedure

- Online test 1:30 Hours
 - Verbal & Logical reasoning
 - General Maths
 - Programming Questions: DSA basics
- Technical Interview 1
 - Resume grilling + Guesstimate
 - Questions on real-life applications of my experience
 - Coding question (DSA Basics)
- Technical Interview 2
 - Technical Case study, the same case was revolved for all the people.
 - A similar study was available on the Deloitte website.
 - Questions on recent technologies and software engineering courses.
- HR Interview 3
 - General HR questions
 - Confidence is the key. Research well about the company

Sources of Preparation

- Aptitude: Training test by the placement team, Geeksforgeeks
- Software Engineering course - Online platforms
- InterviewBit - DSA
- Case studies from Deloitte website.

Other Relevant Information:

- You should have an idea about the recent technological developments.
- Make your resume relevant to the profile, add some IT projects and try to gain knowledge through a software engineering course.
- Make sure you know all about everything you have written in your resume.
- Research well about the company and the profile they are offering.





PhonePe

Sector: Analytics

Name: Sajal Jain

Company: PhonePe

Profile: Business Analyst

Recruitment Procedure:

- Online Test-
 - 15 Logical reasoning questions, Puzzles.
 - 90-minute test.
 - 23 people got shortlisted after the test
- Interview round 1
 - General questions like- walk me through your resume, what you have done in college, your achievements, your interests, where do you see yourself in 5 years, etc.
- Interview round 2
 - Case Studies were digital payment specific- not technical but based on user experience enhancement, market share based, etc.
 - Guesstimates
 - General Problem Solving
 - Aptitude.

Sources of Preparation:

- Puzzles and aptitude from websites like Geeksforgeeks.
- Case Studies, Guesstimates from books like Case Interviews Cracked and Case in point

Other Relevant Information:

Give the interview with a cool head. Treating the interview like it's a general conversation between you and a random person helps. The interviewers don't expect you to know anything more than you claim to know. Don't exaggerate anything on your resume or in the interview.





Sector: Analytics

Name: Atishay Jain

Company: PhonePe

Profile: Graduate Trainee

Recruitment Procedure:

Online Test and Two Rounds of Interview.(No HR Interview)

- Online Test: Basic aptitude questions. They were pretty easy and repetitive.
- Interview: (No HR Round)
 - **Round 1**

After a week or so they called us for interviews.
There were two interviewers.
One was discussing resumes, not in detail but he was touching everything on it.
The other interviewer was grilling about random cases.
 - **Round 2**

This round was taken by both of the interviewers together.
They asked very basic puzzle questions.
Case studies and guesstimates.
Some of the cases were directly from “Case Interview Cracked”.
There were many random made-up cases.

Sources of Preparation:

- Almost completed the book called “Case Interview Cracked”.
- For Guesstimates you cannot rely on Case Interview Cracked as it doesn't really have many Guesstimates, so I prepared it from random online sources.

Other Relevant Information:

- Go through sample aptitude tests, there were many repeated questions.
- My friend who is from UP, was asked to estimate how much corruption happens in your state? So it can be as random as that or as structured as any case study from the books. So be prepared for anything.
- They didn't ask any questions based on the type of work PhonePe does.





Sector: Analytics

Name: Darpan Thole

Company: PhonePe

Profile: Business Analyst (Graduate Analyst)

Recruitment Procedure:

- 1 online test and 2 interviews.
- The online test consisted of aptitude questions (around 16 questions in 20 minutes).
- Shortlisted students were given one of the 2 topics of interview (Resume or Case study) randomly and further shortlisted were given the remaining topic from the previous round.
- Resume based interview focused on role related questions, PS-2 and internship related questions.
- The Case study interview included case study/studies, guesstimates and also classic puzzles.

Sources of Preparation:

- Case interview cracked
- Guesstimates
- Material provided by Placement unit
- No subject as such. But having a business-oriented mind-set is a plus.

Other Relevant Information:

- Creating a positive impact in the beginning as well as leaving with one is a plus point.
- Try to play along with the interviewer but keep the limits in mind.
- Relate your work with the Job Description and sell yourself the best way possible on your resume.
- Having PS-2 similar to the Job Description gives a huge advantage as it gives work experience for that specific profile.





Orbees

Sector: Consulting

Name: Komal Arawat

Company: Orbees

Profile: Associate Consultant

Recruitment Procedure:

- Online test 3hours
 - 1:30 Aptitude: Jumbled for all; Speed is must; Logical; Verbal reasoning
 - 1:30 Open source case study: The case was associated with the organization's work.
 - 3-4 questions
 - 1st Market size, Revenue Generation
 - 2nd - 3rd Direct product marketing, Competitive analysis.
 - Faced difficulty while analyzing the product as it was related to the medical industry.
 - Elimination was based on Aptitude mainly.
 - You have to submit the answers before the time provided or your answers won't be recorded.
- GD
 - Topics random, generic. Example - Pros and cons of robotics, Monarchy.
 - Put your points clearly. No need to moderate, they were asking counter questions in between.
 - Be straight with your points, speak less but relevant
- Technical Interview
 - 3 on 1 Interview HR + Technical + One more panel
 - Guesstimate, HR questions
 - The resume was grilled properly
- Presentation on case study (given in online test)
 - All the panel members were there (Chief officer also).
 - Counter questioning to test my confidence (They asked me how much blood is there in a human body)
 - The answer I submitted while giving the online test was not provided so I had to go through the case study again.





Sources of Preparation:

- For Aptitude -
 - Practice tests given by the placement unit are enough, you need to improve your speed and accuracy.
 - InterviewBit & Geeks for geeks.
- Guesstimates (Mock practice is necessary)
 - Refer books (Case in point and Case interview cracked)
 - Watch Mckinsey, Bain videos for guesstimates on youtube, you will get an idea on how to structure your approach, think clearly
- IIM's case books.
- For Puzzles - Vault Guide, Geeksforgeeks

Other Relevant Information:

- Start practicing aptitude early.
- Your Resume should match with the company's profile
Try to enter relevant information so they can ask questions from your resume.
- You should be calm during the interview process, your composure matters the most during the interview.
- Practice improving your communication skills.
- You should always give your best for every company's process. Your choices should not be biased, try to attempt all the tests.
- Technical knowledge will always keep you a step ahead of others, try to cover
 - SQL
 - R or Python Basic knowledge
 - Programming basics





Sector: Consulting

Name: Saurabh Patil

Company: Orbees

Profile: Associate Consultant

Recruitment Procedure:

- 1 Online test, Group Discussion, Interview and a Presentation.
- The Online test was of 2 parts. The first part consisted of questions ranging from English (comprehension, synonyms and antonyms and jumbled paragraphs) to quant and also covered mental ability. The second part was a case study and use of the internet was allowed.
- For the GD, students were divided in groups of 8-10 and were given a topic to discuss.
- The interview followed a general trend with questions from the resume which included valuation of an organization and market entry for a firm in India.
- In the presentation round, students had to present the case study of the first question to the interviewers in 10-15 minutes.

Sources of Preparation:

- Case interview cracked
- Casing points
- Guesstimates

Other Relevant Information:

- Knowledge of BAV and Python provide an added advantage for the interview.
- Try to have a project to support your studies for the specific Job Description.
- If you are a core student with high CG, expect a question regarding choosing this field and not core.
- Be confident, truthful and don't be nervous.





Dunzo

Sector: Analytics

Name: Shreyansh Gupta

Company: Dunzo

Profile: Business Manager

Recruitment Procedure:

The recruitment procedure consisted of only one round which lasted about an hour.

Interview Questions :

The questions were in the following order:

1. Tell me about yourself.
2. Tell me about the work you did in Swiggy (PS-2).
3. Guesstimate (No of cabs that are taken from Hyderabad airport).
4. A case study entirely related to my PS2.

This was the same for all candidates whose PS2 was in the non-tech sector (Companies like Swiggy, Udaan, TapChief).

Sources of Preparation:

Guesstimates and case studies from case interviews cracked and Victor Chengg videos.





Amazon

Sector: Analytics

Name: Aditya R

Company: Amazon

Profile: Area Manager

Recruitment Procedure:

- 1st round apti+technical
- 2nd round guesstimate
- 3rd round situational questions (tests managerial and leadership qualities)
- 4th round higher management/HR

Interview Questions:

- Run me through your resume
- If you are the head of amazon distribution center for Shamirpet, how many delivery agents will you hire and what will their productivity be?
- If there is a festival and more than half your staff takes leave, and you have to make deliveries irrespective, how will you tackle the situation? What steps will you take wrt the employees who took leave?

Sources of Preparation:

- Interview Bit
- CAT material
- Case in Point
- SCM
- Lean





ZS Associates

Sector: Analytics

Name: Rahul Balana

Company: ZS Associates

Profile: Analytics

Recruitment Procedure:

- Standard aptitude questions.
- There were HR type questions (like tell me about yourself) after the online test.
- There was a pen and paper based Case Study round as well after the Online test. What we wrote in it was discussed during the interview. While it's called a Case Study round it was primarily based on Data Interpretation.
- There were 3 interview rounds.- 1st round was resume based. 2nd was Case Study and Puzzle based and Last one was an HR interview which also included puzzles and describing how you would react to given situations.
- The HR questions in the online test were supposed to be answered in recorded video format. And we were given a time of around 10-15 seconds between being given the question and the recording of the answer.
- CGPA was pretty important (8+ CG helped compensate for my initial nervousness)

Sources of Preparation:

- Sat for placements in December + January and started preparing in November. November to be the optimal time for starting preparation.
- Case Studies.
- There're lectures on YouTube by IIT Bombay grads,use them.
- Case Interviews Cracked.
- Finance Electives, Project Appraisal, Supply Chain Management.

Other Relevant Information:

The Case Study given in the Interview Round was a guesstimate about launching a flagship phone in India. You were asked to determine at what price the phone should be launched.





Sector: Analytics

Name: Karna Maheshwari (2016A4PS0381H)

Company: ZS Associates

Profile: Analytics

Recruitment Procedure:

- The online test for ZS had 2 components. The first was a basic analytics test, followed by an interview which had 18 questions, and you had to record your answers. The interview questions were similar to ones you would encounter in a HR interview (eg: teamwork, meeting deadlines, personal achievements, etc).
- There were 3 interview rounds preceded by a one hour case study exam, similar to the one they had in ZS Campus Beats.
- The first round revolved around the answers you had written for the case study, where we discussed the reasoning behind my answers and slight variation to the problems given in the case study. Note that you are not expected to complete all the case study questions in the stipulated one hour, but you should have a basic idea as to how to approach given questions.
- The second round was resume based, where you discussed your past internships and projects, and asked a couple of basic puzzles and a guesstimate for the number of taxi rides originating from the RJIA in a day.
- The final round was an HR interview round. The questions were quite simple, along with another guesstimate for the number of shops in a mall.
- We were told by the interviewers that the CG was not going to be a factor beyond the cut-off, which was 6, unless they could not choose between two applicants and the only criteria left to judge was the grade.

Sources of Preparation:

- Placement training, which was about 3 weeks before the placements began. Ideally recommend that you start preparing 4 to 6 weeks before placement.
- Since this was a non-tech firm, the core subjects were not too important.
- For guesstimates, PU material is more than enough, and the class was very useful too. Engineering Optimisations, Fofa was kind of helpful a bit.

Other Relevant Information:

The major factor we were judged on was our analytical and communication skills





Sector: Analytics

Name: Deepthy P

Company: ZS Associates

Profile: Business Operation Analyst

Recruitment Procedure:

Online Test: Video Interview Round

First Interview Round: Case Study Round

First there was a case study to be solved in one hour of time period. There was interview on the similar case study on the answers given by you, the discussion was based on the reasoning behind the answers and the approach used for solving the questions (there might be few questions you were not able to do but still the approach should be known)

Second Interview Round: Resume Based Round

Start with introducing yourself followed by your favorite question on your resume. Later there were questions on the internships written on the resume followed by questions on the projects. In the end there were a few guesstimates asked.

Third Interview Round: HR Interview

The interview started with a few basic HR questions such as strengths, weakness along with a few behavioral questions.

Sources of Preparation:

Case studies and guesstimates through placement training lectures.

Study material and puzzles through geeksforgeeks.

Solving a few case studies and guesstimates online.

Other Relevant Information:

- They focus mostly on the thought process, so stay calm and structure the answers.
- Practice Aptitude Questions from Indiabix.com
- Have basic knowledge of SQL and Python (w3schools.com is a good source)
- Practice basic case studies(Case in point) and puzzles(geeksforgeeks)
- Prepare well for case studies and guesstimates, and practice for interviews.





Sector: Consulting

Name: Aakriti Srivastava

Company: ZS Associates

Profile: Business Operations Associate

Recruitment Procedure:

- Pre placement talk
- Online Aptitude test
- Machine video interview
- Case study interview
- Behavioural/fit interview
- Interaction with Principal

Interview Questions:

- Understanding of role and company.
- Case study based on sales and marketing of products.
- Behavioral interview basically dissection of resume along with guesstimates and small case studies to test approach while solving.

Sources of Preparation:

- Case in Point
- Case Interviews Cracked
- Victor Cheng's modules
- Interview bit
- Examly
- Geeks for Geeks puzzles
- R Programming





Direct-i

Sector: Analytics

Name: Saksham Tandon(2016A1PS0704H)

Company: Direct-i

Profile: Digital Marketing

Recruitment Procedure:

- Most of the questions were on Aptitude and a few on SQL (Time 1 hr).
- Interview 1 - Generic Resume questions based on projects / Internships exp.
- Case Studies Revenue of Bandra Worli Sea Link/ No. of Flights across India
Donald Trump Tie Colour.
- HR Interview.
- CGPA was not of much importance.

Sources of Preparation:

- Case Interviews cracked is a good book to start with case studies.
- Placement material.
- BAV generally helps in Non Tech interviews, students can draw parallels from the course to case studies.

Other Relevant Information:

Prepare your resume well in advance before the placement process and modify it by the companies you are going to apply in Non Tech. Solve with the interviewer. Ask preliminary questions.





Sector: Analytics

Name: Anirudh Agarwal(2016B1A3PS0849H)

Company: Direct-i

Profile: Digital Marketing

Recruitment Procedure:

- The test experience varies a lot depending on the company. A lot of them use similar platforms and questions are repeated. If you solve a lot of online quizzes, you will definitely find similar questions which will also save you time in the test. Again, the most important thing is practise.
- Interview rounds are all dependent on the company and includes group discussion, technical interviews, case study and guesstimates, stress tests to see how you perform under pressure and an HR to see if you fit in with the company culture.
- One interview before the final round for media.net. Questions were on guesstimates, marketing strategies, what if kind of questions and some really random ones with no real answer but just to see how you think under pressure.
- Anything in your resume can be questioned. If you are putting something there, make sure you know it really well.
- Don't ever think that CGPA doesn't matter. A lot of companies have cutoffs and it will be very hard to take if your dream company has a CG cutoff higher than your CG and you can't even sit for the process. Anything above 7 makes you eligible for most companies. After that, during the interview process it hardly matters.

Sources of Preparation:

- Started late in PS 2, continuing over the winter break.
- Important to read a lot especially about current affairs, the business world, policy making etc. Exposing your mind to this makes you develop an analytical approach to your thinking.
- If you are well read, then other important topics are brain teasers, logical reasoning, guesstimates & case studies. Its practising cases, cases and more cases.
- Courses such as Optimisation, Principles of Economics definitely help. Some firms like if you've done Finance courses.
- For media.net, if you're interested in marketing then courses on digital marketing, how to advertise on Facebook, SEO tools and general understanding of human psychology definitely helps.





Other Relevant Information:

Very essential to solve case studies with a pen and paper. Try to do this in an interview style by asking a friend to help out. Your knowledge matters, not some certification. If you can't justify that certificate when questions are asked about it, its value is zero. For all this, it's very important to do mock rounds so you are comfortable with the process. Confidence is required and the more you do something, the better you will get





Sector: Analytics

Name: Gokul Karthik (2016A2PS0606H)

Company: Direct-i

Profile: Product Analyst

Recruitment Procedure:

- Resume shortlisting.
- Then an Aptitude test consisting of Numerical, logical reasoning, english questions. 1hour test - 34 questions.
- 2 interview rounds, Both were Technical rounds.
- Round 1 - Resume Questions, Tell me about yourself, question Technical questions - web applications (What is cache, HTTPS, how to load a webpage), then a Guesstimate question, Puzzle, SQL, Excel Questions.
- Round 2 - Again resume questions and Product design question, Guesstimate, Product Metric Question which was - If I was the product head of Zomato what are the 3 metrics I would look at?
- CGPA was Decently Important. CG did not play a major deciding role but it gave a good overview on the resume. Above 8.5-9 CGPA becomes a bit worrisome as it raises the question as to a person so well acquainted with his/her branch wants to take a non tech role. It isn't a deal breaker if you're able to justify it.

Sources of Preparation:

- Two months prior to the placement season would be the optimal time that is around the beginning of october.
- Go through blogs on how features in apps works,
- Product Designing knowledge and Go through Case Studies and Product analysing courses. Practice a lot of guesstimates (Be good at math)
- Hands on knowledge in the field of product analysis and how startups work.
- PS 2 played a very crucial role in the interview as PS 2 was in the field of Product development.
- Do courses on Excel,
- BAV, Operations Research
- Finance courses didn't play a major role here as it was a business oriented role





Other Relevant Information:

Start preparing for this role early. Preparation plays a very crucial role. Approach the interviewer with a confident attitude and confidence matters a lot. Your knowledge about Product designing matters a lot. Companies are looking for good problem solving skills and analytical skills. Books like How to Crack the PM Interview were very useful.





Flipkart

Sector: AN

Name: Mathangi Sundar(2016A7PS0810H)

Company: Flipkart

Profile: Analytics

Recruitment Procedure:

- No online test.
- It was a resume shortlisting to call for the interview
- Group Discussion: You were asked to help an e-commerce company that wanted to create its own brand to sell. You had to discuss what were the consequences of such a decision and how a company could do this.
- Technical Interview: You were asked to discuss questions based on a case study. The case study given was to help a simple grocery store ensure that the sale of a brand X was more than brand Y. Both brands sold detergents and the goal was to incentivize the sale of brand X
- HR/Technical round: Asked about work hours and basic morality questions. It was a rapid-fire round.
- Didn't put CGPA on my walk-in resume. So, it only came up at the last stage, where they wanted the details of the interviewees. CGPA didn't impact the decision at all.

Sources of Preparation:

- Go through a few articles online that highlights what a business analyst did.
- Looked at the first few articles from a couple of google searches.

Other Relevant Information:

Didn't find the interview process taxing at all. You have to perform satisfactorily in the subsequent rounds





Sector: AN

Name: Harshavardhan Shrirang Bapat

Company: Flipkart

Profile: Business Analyst

Recruitment Procedure: Resume Shortlist, GD and 2 interviews.

- Students were divided in groups of 8-10 and were given a topic to discuss. For example, Discussion on what if Flipkart wants to go in the grocery delivery business.
- The first interview mainly had questions related to resume and reason to choose this profile over others.
- Due to time shortage, the second interview was a rapid fire in which each student had 5 minutes to answer a series of questions.

Sources of Preparation:

- Guesstimates(Victor cheng)
- Case studies
- Knowledge of SQL, Python and Fundamentals of Business Analysis and Valuation play a major role for interviews.

Other Relevant Information:

- Prior information about Indian basic demographic percentages for better accuracies in guesstimates.
- Present a credible resume and have in depth knowledge of it.
- GD is not about who spoke the most but adding new topics to discussions and moving on the right approach is also important.





Sector: Analytics

Name: Jerry Jose (2016ABPS0638H)

Company: Flipkart

Profile: Analytics

Recruitment Procedure:

- There was no online test.
- The process started with resume shortlisting
- Followed by one round of GD and two rounds of interview.
- There were two interview rounds. The topics were primarily market-related. There were very few behavioral-based questions.
- CGPA depends on how well you can explain why you are at a certain grade point.

Sources of Preparation:

- Practiced case studies and guesstimates.
- Electives such as Business analysis and valuation and Supply chain management.

Other Relevant Information:

Learn as much as you can about online and offline retail. Do not limit yourself to just the customer perspective. Owning or helping run a business (more specifically a retail business) can help you understand questions better and figure out how to go about framing your answer, ultimately helping you stand out. Always have solid answers to all the 'WHY' questions that the interviewer might ask about the things included in your resume. Being able to explain why your resume is the way it is, will always be an advantage regardless of the company.





Fractal Analytics

Sector: Analytics

Name: Mradul Yadav

Company: Fractal Analytics

Profile: Imagineer

Recruitment Procedure:

- The Fractal Analytics Process consisted of 4 rounds in total.
- Round 1: Written test which had 2 sub-parts – Aptitude and Coding. This round was for almost 3 hours, 2 hours for aptitude (quantitative, qualitative, data interpretation, verbal etc.) and 1 hour for coding (2 coding questions and 2 SQL).
- Round 2: It mainly focuses on one's personality, how and why one wants to go for this job role and there was deep diving into my previous projects mentioned in my resume.
- Round 3: Mainly focuses on your presentation skills, the way you speak, confidence, and some basic other attributes. I was given a case study and guesstimate related to my hobby (Football) which was kind of a fun conversation. Also I was asked if I know what the company does or not. So be prepared and do your homework about the company's profile.
- HR round: HR gets all the feedback about me during my previous rounds from the interviewers. So, this one doesn't have too many questions but asked me if I will be comfortable with travelling or is there a problem for me to work in a new environment as I was from a mechanical background with basic work in Data Analytics. The HR will mostly tell you about the working culture there and don't forget to ask a question in the end, it's not necessary but in my opinion, HR knows the best about the lifestyle and working culture of the company. Just be confident and always smile while talking, it makes a good impression.

Sources of Preparation:

I started studying case studies and guesstimates after coming to college from sources provided by the placement team.

Learned coding and SQL from interviewbit and MySQL. I did online courses on Coursera (ML, Algorithms, Python for Data Analytics) and EdX (Robotics).





RBL Bank

Sector: Analytics

Name: Jomal Jochan

Company: RBL Bank

Profile: Technology Analyst

Recruitment Procedure:

- There was resume shortlisting and then 3 rounds of interviews. The first 2 rounds were technical rounds and the 3rd was an HR round.
- Round 1: They went through my resume and asked about my skills. SQL questions were asked, how to extract some data, made me write SQL code. Asked a guesstimate and focused on approach rather than final answer. Went through the resume briefly and asked about work during the internship.
- Round 2: This round was with the head of Analytics. He went through the resume thoroughly, asking how each and every project was accomplished during internship and academics. Asked what I did on campus etc. It was a conversational round - Fit interview.
- HR round: Asked normal HR questions, why RBL, why banking, how are you an asset to the firm.

Sources of Preparation:

I prepared mostly through the training on campus and the skills learned during PS helped a lot. CAT prep can help with Aptitude tests. I also did mock interviews to see where I was going wrong.

I did a certification course in Udemy in Advanced SQL, and Bloomberg market certification.

Other Relevant Information:

A little preparation can go a long way- especially for aptitude tests. You can't sit for an interview unless you clear that first. And work hard during PS. Not only will this boost PPO chances, they learning from PS will help more than any training you can get, if you put your mind to it. And if you find yourself really good in a skill that you learnt, get a certificate for it and make it legitimate and put it on the resume. CAT prep can help a lot in aptitude tests.





Futures First

Sector: Business Finance

Name: Aman Syed

Company: Futures First

Profile: Market analyst trainee

Recruitment Procedure:

- The test consisted of analytical reasoning & quant (mainly quick maths) questions.
- Round 1: The interview process consisted of three rounds. We were asked to fill out a questionnaire prior to these interview rounds. The questionnaire had around 20 questions like 'List out 5 strengths/weaknesses', 'Why Finance?', 'Biggest risks taken in life', 'Biggest failure', 'Biggest regret', 'One thing you'd change in your past, if given a chance', etc. This was basically a character analysis test, which was thoroughly looked at by the interviewer in the first round. The interviewer was mainly asking questions like 'What does your father do?', 'What does your mother do?', 'Explain your CGPA', 'List your strengths and weaknesses', etc. He also asked for justification for certain answers that I had given to the previous questionnaire. There was also a rapid fire round of a few multiplication questions (2-digit numbers mainly, like 58×62) with around 7/8 seconds to solve each before moving on to the next multiplication. From my understanding, this was mainly a character analysis interview, with a bit of basic mathematical skills testing as well.
- Round 2: Out of the initial list of 35 students, around 12 were shortlisted for the next round. The second interview was a stress interview, which mainly involved the interviewer grilling me on my PoR and work experience. I was asked to give a detailed explanation of my tenure as a President, also questions like why I took it up even though I knew it would effect my CG, why are you sitting here if you do not have a finance background (specific to me as I had done only a single finance course and had specifically mentioned in the first questionnaire that I do not as such have a keen interest in finance). Next, I was asked to explain my course of work in my PS, my responsibilities, daily activities, skills learned, etc. This was a proper grilling round, sort of like an "interaction" session. The interview would argue with you on every point you write in your resume and every statement you make in





the interview. They just wanted to see if you would break under the stress or make it and stick to your statements and arguments. I was even told by the interviewer, the last statement he made in the interview, that I am not going to hire you and invest money in you because you have a very good MBA profile and I know that you would leave the company in a year or two. 5 people were shortlisted after this round.

- Round 3: The interviewer tested my analytical skills. He first asked me a few questions again on my resume, just like the first and second round. After that he took a rapid fire test of mathematical questions, mainly multiplications, squares and cubes, giving about 3-4 seconds to solve each question before abruptly moving on to the next. I was able to correctly answer 4 out of the 6 questions that he asked. After that, I was asked two mathematical riddles, like the ones you get in most of the interviews (search on GeeksforGeeks). Then he asked a few generic questions like why Futures First, etc. marking the end of the interview.

Sources of Preparation:

Preparation was very generic and minimal, used the friend's portal to solve quant and reasoning questions, did case interview prep from Case Interviews Cracked and Victor Cheng's videos. Specifically, for Futures First, I checked a few quick math tips and tricks, and went through a few interview experiences shared on YouTube.

Other Relevant Information:

I sat for Futures First with a 5.3 CGPA, all thanks to PS-II. I did my PS-II in Udaan.com, a B2B e-commerce enterprise. I worked there as a Business Analyst. And my main PoR was that I was the President of the SUC in my third year. My PoR and PS had a huge impact on my placement. While both were equally important for all the other processes that I sat for, PoR had a greater impact in Futures First, because I was grilled a lot on what I had to do during my tenure, the risks that I took, the decisions I made, the problems I faced, etc. It all depends on how well you are able to convey your position to the interviewer. I was also asked a few questions about my PS, mainly like why do you want to enter Futures First and work as a trader when your work ex is mostly business oriented, why were you denied a PPO, etc.





Indus Insights

Sector: Consulting

Name: Arushi Paliwal

Company: Indus Insights

Profile: Associate

Recruitment Procedure:

- 1st round: Written Aptitude test + written guesstimate
- After that a buddy session took place to teach the approach to solve case studies and guesstimates
- 2nd round: Guesstimate
- 3rd round: Case Study
- 4th round: HR

Interview Questions:

- Round 1: Questions in the aptitude test were relatively easy and time wasn't a constraint. A fair amount of practice can easily help you get through. The written guesstimate was to estimate the revenue of an airline company from the food and beverage. I couldn't complete it, but they looked at the approach, which I explained properly by making a flowchart in the beginning.
- Round 2: Guesstimate question was to estimate the amount of shoe polish consumed in India in a day. I am not really sure, but from what I heard they were again looking at the approach only. 2 of us were sent directly to the 3rd round.
- Round 3: case study was to decide the amount of premium a car insurance company must charge. Communication was the key here. The setting was of the US. Hence, I had to ask a lot of questions to figure out how exactly did the interviewer want me to proceed. It was mostly numerical: faster and accurate maths along with general awareness would help, but don't lose confidence if you make some silly mistake while solving, or if you want to change your approach. Just discuss freely with him.
- Round 4: the company Founder was present there as well. Once again, communication was the key. I was totally friendly and honest with them. Look up Quora, Glassdoor and use the alumni network to dig about the company. We discussed both the perks and disadvantages of the company. Also, be thorough





with your resume. We discussed almost each and everything I had mentioned, and also shared some anecdotes related to them. Lastly, prepare all those cliched HR questions like what are your strengths and weaknesses, etc.

Sources of Preparation:

- Cases and Guesstimates: Victor Cheng videos, Case Interviews, Cracked, Case in Point (Practiced with friends, took guidance from seniors who are expert at these)
- Aptitude: knew most of the tricks from my NTSE prep during school. Practiced on the app IndiaBix. Carefully went through the solutions after every test.
- HR: Quora and Glassdoor mainly to increase knowledge about the company, and to find commonly asked questions.
- Python, R, Green Belt: Lean Six Sigma
- Most of the companies dig your knowledge in ML/AI.

Other Relevant Information:

Be honest with them. If you still choose to bluff, be thoroughly prepared with the entire story. Have something interesting to tell about every POR/extra curricular you mention on your resume. The interviewer panel comes with an experience of years, so avoid attempts to act oversmart. But be confident and make a lasting impression.





Sector: Consultancy

Name: Udit Singh

Company: Indus Insights

Profile: Associate

Recruitment Procedure:

- The process flow was: Written test followed by buddy program and two rounds of interviews.
- The written test had 3 parts: Quantitative aptitude, Data interpretation and logical reasoning, one guesstimate (Estimate the revenue of Indigo airlines from food and beverages served).
- Shortlisted students from the written test were called for a buddy program. In the buddy program, they conducted a workshop on problem solving approaches.
- Shortlisted students based on grading of the guesstimate were called for the remaining rounds.
- For the first round of interviews, students were given a guesstimate (How much shoe polish is used in a metropolis).
- The students who cleared the first round were called for the final interview wherein they were given a case study (They had to analyse the car insurance premium in the US). Apart from this few HR questions as well as psychometric skills and communication skills were also checked.

Sources of Preparation:

- Read the job description very carefully and fully understand the job requirements.
- Aptitude material provided by the Placement unit.
- Case books such as Case in Point and Victor Cheng's videos.

Other Relevant Information:

Practice guesstimates in an interview setting and discuss the approach for multiple guesstimates. Always do the research about the company and what kind of candidates they look for. Be confident in answering all the questions.





EXL Services

Sector: Analytics

Name: Swapnil Routaray

Company: EXL Services

Profile: Business Analyst

Recruitment Procedure:

- The process flow was Online test followed by two rounds of interviews.
- Online test had verbal and quantitative aptitude questions.
- The round 1 of interview had puzzles, questions on probability and guesstimate (Calculate the number of tube lights in your campus)
- In the second round, questions on resume and a case study was asked. The approach to the case study mattered more. Solving it logically is important.

Sources of Preparation:

- Aptitude material provided by the Placement unit.
- Case books such as Case in Point and Victor Cheng's videos
- Make sure to practice a lot of puzzles.
- If possible, practice mock interviews with friends
- Minor in Finance knowledge helped as some questions were asked from courses like Business Analysis and Valuation.

Other Relevant Information:

My PS-2 was in Aditya Birla Insulators and my project was in the business development domain. They asked a lot of questions regarding the work done in PS-2. Make sure to prepare that well.





Birla Institute of Technology & Science, Pilani
Hyderabad Campus

Domain

CORE



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AMD

Sector: ET

Name: Ankit Kumar

Company: AMD

Profile: Silicon design engineer

Recruitment Procedure:

- Online test (90 Min)
 - 3 sections.
 - 1st Electronics section - DD, Computer architecture and ADVD.
 - 2nd Computer programming (Basic level CS f111 will do) language - C, C++, Verilog.
 - 3rd Aptitude - Logical reasoning, Verbal, Puzzles.
- Round 1: Based on electronics 1:30 hours.
 - Covered DD, ADVD (Basics), Computer architecture.
 - Questions on resume based on projects, internships.
- Round 2: Programming
 - They will look forward to your resume if it has any project or work experience on any programming language and questions will be asked on the same.
 - I had to write codes on scripting, sorting.
 - Basic concepts of programming languages.
- HR Round:
 - General HR interview
 - Please research about the company before going for this round

Sources of Preparation:

- Classroom courses (DD, ADVD, Computer architecture)
- Verilog, System Verilog from Udemy (not necessary but is desirable and in electronics companies, large amount of work will require this language)
- Aptitude from online sources like Indiabix, Geeksforgeeks
- Programming from GeeksforGeeks, Interviewbit
- Other Courses (Embedded System, FPGA labs)





Other Relevant Information:

- Most questions will be asked from Internships and projects on the resume.
- Work done during the PS cycle played a crucial role in my interview, I explained whatever I did in my PS to them.
- All the companies will look for some amount of programming skills, so try to cover at least the basics of some programming languages. (For electronics roles, having knowledge till the concepts like linked lists should be more than enough).





Signalchip

Sector: Electronics Core

Name: Gollapudi Sri Ranga Naikulu

Company: Signalchip

Profile: Design Engineer

Recruitment Procedure:

- **Written Test:**
There were 6 segments in the test out of which one had to be chosen (Digital and C Programming Section was chosen in my case). There were questions based on DD, Computer Architecture, C Programming, Logical Reasoning and Verilog.
- **Day 1:** There were two rounds on the first day.
 - In the first round the focus was mostly on concepts of DD and static timing analysis. The questions asked were about the setup time, hold time concepts followed by explaining the reason behind the existence of setup and hold time by drawing the gate level implementation on flip flop. There were various problems on static timing analysis and expected the analysis of the results.
 - In the second round there were questions based on the resume which was started by questions on the course project written on the resume. The questions were on Pipelining concepts and hazards. There were a few programming questions also such as implementation of the queue and stack data structures.
- **Day 2:** There were two rounds on the second day.
 - In the first round the questions were on the projects done during the internships, which they expected to have a clear understanding of the projects on resume. There were questions related to computer architecture followed by how forwarding is implemented.
 - In the second round there were few programming questions and few general puzzles. The response/ suggestion will be based on the interview process.





Sources of Preparation:

- Key areas: Digital Design, Static Timing Analysis, Computer Architecture, Verilog
- For Digital Design: Study the slides, refer to the textbook. Practice the questions on DD which will help in the written test.
- Static Timing Analysis: You can find sources online, practice problems on this topic.
- Computer Architecture: Questions were asked in the interview because I had projects under this subject in the resume. Prepare pipelining and hazards concepts thoroughly.
- Verilog: Watch Nptel lectures (by IIT Kharagpur) to revise the basic concepts. This could be handy because there might be questions in the written test on Verilog.

Other Relevant Information:

Be very thorough with the concepts of DD, Static Timing Analysis (setup and hold time violations), and projects and internships on your resume.





Xilinx

Sector: ET

Name: Shantanu Mishra

Company: Xilinx

Profile: Software Engineer

Recruitment Procedure:

1. Online Test
2. Technical Interview
3. HR interview

Interview Questions:

- 2 easy questions (memoization, linked list)
- 1 tree question (BFS based)
- 2 graph questions (coloring based (map coloring, time table))
- basic embedded systems questions
- HR: Your background

Sources of Preparation:

- Geeks for Geeks
- HackerRank
- All About Circuits

Other Relevant Information: When asked about hobbies in technical interview round mention at least one technical hobby.





Pokarna

Sector: CH

Name: K Sanjeev Raj (2016A1PS0538H)

Company: Pokarna Limited

Profile: Assistant Manager- QC & Product Development

Candidates will be responsible to work in tandem with different departments with the primary area of focus of R&D and responsibility of scaling products to the manufacturing level.

Recruitment Procedure:

- First Round: Written test
 - There were two sections, aptitude and core questions, all MCQ type.
 - Most of the core questions were theory based.
- Second Round: Group Discussion
 - It was part of the process to test our communication skills, personality and leadership quality.

Personal Interview:

- It was 30-45 minutes long.
- Resume Grilling
- Asked a lot about projects and work done in internship.
Expect a lot of questions from your internship because by then you'll be done with your PS2.
- Discussed my involvement in extracurricular activities.
- Asked situation based questions and discussed various scenarios. As it is a managerial role, these questions were asked to check interviewee ability to socialize.

Sources of Preparation:

Prepare well for theory based CDC questions.

Management related courses can help.

Other Relevant Information:

Prepare well and be confident enough to present yourself. Showcase your personality and leadership quality, they will check for this at every stage.





Sector: MF

Name: Aditya Singh (2016A4TS0371H)

Company: Pokarna Limited

Profile: Assistant Manager- QC & Product Development

Candidates will be responsible to work in tandem with different departments with the primary area of focus of R&D and responsibility of scaling products to the manufacturing level.

Recruitment Procedure:

- First Round: Written test
 - There were aptitude questions and core mechanical questions covering basics of mostly second and third year CDCs.
- Second Round: Group Discussion
 - A general topic was given, after a gap of a few minutes GD started.
 - Candidates were judged on the basis of:
Taking Initiative, Team Spirit, Ability to lead

Personal Interview:

- It was 45-50 minutes long.
- What are your interests?
- Resume grilling
- Talked a lot about projects, It is advised to have a strong grip on Mech projects.
- What are your expectations from the role and company?

Sources of preparation:

- Basics of mechanical CDCs helps.
- Read project Reports to remember your projects in detail, because you may forget about the project done long back.

Other Relevant Information:

- Go through the job description of the company very well.
- Be thorough with all your resume points and make sure you're able to justify everything you say.
- If you're interested in core, have patience for core company.





Aequs Solutions

Sector: Mechanical

Name: Pasumarthi Venkat Hemanth

Company: Aequs solutions

Job Profile: Graduate Engineer Trainee

Recruitment Procedure:

- Online test
- Technical+HR Interview
- HR Interview

Interview Questions:

- Most of the technical questions are from basics of Production techniques and material sciences as the company is mostly into the manufacturing sector.
- But more than technical knowledge, these people are searching for candidates who are promising commitment to stay in the organisation rather than knowledge.
- If you can show commitment to join the company, wrong answers for the technical questions are forgiven, but you must have minimum knowledge. Don't take the interview for granted as my technical interview lasted for about 25 mins.
- Questions about types of steels, Equipment used in lab, Projects in resume, mostly based on material science

Sources of Preparation:

- Since I have done my PS2 in the same sector, it became easy for me.
- Studied some of the topics by watching YouTube videos & reading on Wikipedia.
- AutoCAD, creo, ms office

Other Relevant Information:

The interview is very chill. It is mostly about starting a conversation with the interviewer. Keep calm and the interview will be fun like a random conversation with the interviewer. Try to focus on strengths if the interviewer asks a random open question and yeah, ask something(anything) if the interviewer gives a chance to ask questions. That is very important.





Birla Institute of Technology & Science, Pilani
Hyderabad Campus

Domain

EDUCATION



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Byjus

Sector: Education

Name: Rahul Sharma

Company: Byju's

Profile: Content Developer

Recruitment Procedure:

- The process flow was: pen and paper round followed by personal interview.
- In the pen and paper round you had to explain any topic from a given list of topics. You have to actually write how you would explain the concept to a student by citing examples and drawing figures. Topics can be chosen from PCM mainly 11th and 12th.
- In the interview you had to explain the same concept to them. They also asked 2-3 basic questions from physics. They also check for your communication skills. They also asked basic HR questions.

Sources of Preparation:

- Watch a few of Byju's educational videos and get a hang of how they work and what they expect from you in the interview.
- For an interview, brush up your basics, focus on Newton's law, friction and contact force, how do we walk, graphs, limits continuity and differentiability.

Other Relevant Information:

- The most important part is choosing class and subject at the time of pen and paper test. Choose the subject which you are most comfortable with.
- Presentation skills will matter a lot in the interview.





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THANK YOU



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