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NITK Surathkal

# **INTERNSHIP GYAAN**

2016-2017

CSE & IT

# Foreword

*Dear Juniors,*

*With great pleasure, we present to you ‘**Internship Gyaan**’, a one-stop resource for answering all your internship woes. In the pages to follow, you will find first-hand experience of your immediate seniors in their own words, as they talk about their experiences during the selection process and some also about their experience at the internship so far. It will answer most of your questions on the selection procedure, reference material, internship experience and will give you a head’s-up on what to expect next.*

*We hope you make good use of this resource. The responses here are unaltered (Except for a bit of formatting for aesthetic consistency). Remember that everything you read here are the opinions of individual students, so it would be wise to read the opinions of multiple respondents, wherever available, about the companies you are interested in. It is completely possible for you to have an entirely different experience altogether, so use this strictly only as a reference to get an idea about the general process and experience, nothing more.*

*We expect you to make wise and informed decisions. Study well, and maintain your self-esteem. Do not be disheartened on facing setbacks. It happens to all of us, and it is the way we deal with them that sets us apart. Remember that confidence is key. Be persistent. We will be there to help you and guide you when needed. Don’t hesitate to approach us. Do well.*

*With love and best wishes,*  
**CSE & IT, Batch of 2018**

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# Adobe

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## Software

### Sangeetha G S

CSE - 9.1

#### Selection Procedure

First round - Online test

Second round - Telephonic interview

#### Interview Tips

Application questions for data structures were asked. I was asked to write code too. Be thorough with all data structures. It's ok if you tell them you don't know one of them. But be confident with what you know.

#### Preparation Material

Geeks for geeks

Know your concepts.

Practice on Hackerrank.

#### Experience

Adobe is a great place to intern at. I am working on really nice projects and I am learning a lot of new things. My mentor is great and you get a lot of exposure.

The food is also great and we have loads of fun too :P

## **Ravindra Jonwal**

*CSE - 7.95*

### **Selection Procedure**

Online round consist of some maths questions and technical updates and then telephonic round

### **Interview Tips**

Interviewer asked about the some deeper oops questions based on the language of the choice.i preferred C++. Then discussion about an easy coding problem.

Asked for the optimization of solution

Checking of corner cases i.e. underflow or overflow

### **Preparation Material**

Geeksforgeeks(C++) , interviewbit

### **Experience**

It was amazing experience with the company so far . Even for interns they specifically work on the real time projects which they are going to use in their system.so it's a great experience both in fun and learning.

# Arcesium

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## Software

### Prajwala TM

CSE - 9.37

#### Selection Procedure

The first round comprised of two coding questions and a set of 15 logic based questions. The weightage given to the coding questions was more and hence served as major criteria for the selection.

#### Interview Tips

There were two rounds of Tech and one round of HR (HR round was merged with the Tech round for me, though it was a separate one for the others).

The first tech interview had questions based on the resume. Many questions on Data structures and algorithms were asked. It went on for around 45mins.

The second tech interview consisted of questions mainly on Java, Operating Systems and a few on Architecture. HR questions were pretty straightforward.

#### Preparation Material

Go through past interview experience questions on Geeksforgeeks.

Solving questions on interviewbit also helps a lot.

Also ensure that design, operating systems, Java concepts are sound as well.

#### Experience

The company is a great place with an open culture, and a flat hierarchy. Any new idea by an employee is always welcome irrespective of his position. Though the first thing that distinguishes this company from the rest is the high stipend, there's more to it which you'll realise once you join. :P

A good learning curve can be expected. On the whole, it's been a great place so far with good focus on employee development as well.

## Dhiraj Bhakta K

IT - 8.86

### Selection Procedure

Round 1) 20 Aptitude questions + 2 Coding problems

Round 2) 2 long Tech interviews + 1 HR round

### Interview Tips

Questions were mostly project based, and you'd have an upper hand very easily if you really did contribute to your projects. When I mean projects, they don't just ask you to briefly explain the project at a surface level, but you'll be fired with highly specific questions like , ' why did you choose that algorithm over this?, Why do you think the algorithm you chose is the optimal one? can you come up with an alternate solution to the one you have used in the project?'

Few simple java inheritance, polymorphism etc etc questions were asked..

Few standard C pointers questions were asked as well.

..yeah, they take a simple question and go into ultimate depths of it, taking parts of the 'simple' question and creating all possible variations of those parts and then re-framing the question.

Luck did play an important role. Almost all the questions that were asked, including the coding round question, were the ones I had encountered previously.

I was extremely lucky due to the fact that they had given so much weightage to projects, especially the one that I had built from scratch. And obviously this allowed me to answer all questions.

But don't ever give up.. all the hours that you put in, thinking about a problem , either while doing your projects or just a coding question, spending time thinking why things work the way they do, even the silliest of concepts...will ultimately manifest as 'luck' on the D-day.

Not exaggerating, but I really did mess up my HR interview by not being confident. But again, looks like projects saved me.

bottomline: think twice before you put ALL your projects on the resume. OR, just know them all thoroughly :P

### Preparation Material

"Data structures made easy" -by Narasimha Karumanchi

"Operating System Concepts" - Galvin

Geeks for Geeks.

### Experience

spending a whole day sweating in formals paid off in the end . The selection process was THE longest ,spanning over 12 hours (including waiting :P)

My internship experience here at Arcesium has simply surpassed all my expectations of an ideal workplace! Flexible work timings( you can work 24x7 , or not be at office at all !, If you can get the work done,) , flat hierarchy, no dress code, free breakfast, lunch, dinner, gym ....

OK , I think I better stop talking now.



# Archler

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## Software

### Manasa.M

*CSE - 6.37*

### Selection Procedure

Offcampus

### Interview Tips

If for offcampus, just prepare for the domain in which you are planning to do internship on as the questions will be based on the domain itself.

### Preparation Material

Internet

### Experience

It's a nice experience. I learnt working with new software and also learnt to develop websites with mvc architecture as the base.

# Arista Networks

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## Software

### Aditya Kumar

*IT - 8.1*

#### Selection Procedure

The company visited the campus on the first week of the internship season, oddly a Saturday, and the final interviews were scheduled up till late midnight.

The CGPA cut-off was known beforehand, a strict 8.0 . A coding round of easy-medium difficulty level, followed by two interviews.

A detailed description of the selection process can be found here

<http://www.geeksforgeeks.org/arista-networks-interview-set-4-on-campus-for-internship/>

#### Interview Tips

Sadly there is no secret mantra that can guarantee you, interview success. I would resist from saying that its pure luck, rather I prefer to look at it as a heuristic process where you learn as you proceed.

Confidence is definitely a factor and so is your way with words. They know they are not hiring orators but an expressive and fluent conversation makes a big impact. Believe me, they do want you to make conversations. So, try opening up. Barring a few exceptions, the longer you are in the room, the better !

In most cases, technical interviews are easier than pure HR interviews, at least they are less tricky. Remember, almost everything in the interview unfolds based on your answer to the question, ' Which is your favourite subject ?'. As I consider this to be the biggest turning point, I would try to give you my tips on how to face this particular question. I am answering it in the context of Arista but I feel it remains almost same for most of the IT companies.

1. Computer Organisation - Very risky. You choose this bad boy, and the interviewers gladly assume that you are there for real business. Plus point - You get their full attention. You impress them, there is no intermediate stop, straight to Arista. A miss, straight out of the door, they won't even reconsider. ( Personal advice : Stay away )
2. Operating Systems or Networking - Risky but manageable. They will be more than happy to ask questions. You are obviously expected to know your stuff. Remember its the depth that matters not the breadth. Please refrain from saying that you use UNIX. It's a trap. The IT elective

in UNIX hardly qualifies as a course. Same goes with Networking, you must have sufficient understanding of the protocol concepts. Remember, Arista can easily judge you, only based on how you answer a 'simple' question, what is a switch ? ( Personal advice : Choose only if you are confident enough )

3. Data Structures and Algorithms - This still remains the safest game. It's math and math is universal, industry or institute, no difference. Also, you would have already prepared DSA for your coding rounds. Downside remains that most people go for the same choice and therefore you need to make a lasting impression. If lucky : circular linked lists, binary trees; unlucky : n' ary tree, tries; very unlucky : graphs, DP. ( Personal advice : Play safe, go for DSA )

4. Web Technologies and Android - Another possible choice but I would refrain from commenting on whether they are good or not.

Remember that coding rounds are the main hurdles. They need your foremost attention. You will anyways succeed in the interviews, maybe not in the first or second attempt, but eventually you will.

### Preparation Material

Everything in geeksforgeeks, head to toe.

### Experience

I would say industry experience in general has both highs and lows. Sometimes you like it, other times you completely detest it.

Arista is notorious for having a sharp learning curve, which is true to some extent but with the guidance of your mentors, it is easy to do well.

Arista has its perks. Apart from a handsome stipend, you get your shiny macbooks, the very first day you arrive. No deadlines, Flat levels, No dress code, no compulsory hours, work from home(s), free snacks etc.

The catch remains that you must be responsible enough to deliver when required.

## Harsh Lara

CSE - 9.13

### Selection Procedure

Coding Round with around 3 questions. Moderate difficulty. One tech interview. Discussion of resume. One HR interview.

### Interview Tips

Be very clear with DSA, Networks and OS concepts.

### Preparation Material

Geeksforgeeks

### Experience

The company selection procedure was very good. The coding questions were just the right level of difficulty and one debugging question was present. The interviews were quite technical. But overall, good experience.

# ARM

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## Software

### Ashritha Kandiraju

CSE - 8.43

#### Selection Procedure

Online test which had multiple choice questions from computer architecture, operating systems and computer networks, c aptitude and logical aptitude. 10 people have been shortlisted after this round. Next was a technical interview followed by a hr round.

#### Interview Tips

Their requirement for software profile is really less so the probability to get in will be high only if you have a related project. The interview went on for around 1hr and questions from computer architecture, operating systems and graph algorithms were asked. They focused on the summer project and asked many questions related to the topic. Questions related to my other projects have also been asked. Put only projects you've genuinely worked on in your resume.

#### Preparation Material

Nothing specifically for the interview.

#### Experience

You really don't need to clock in specific number of hours per week as long as you get your work done. The company is really chill and they do amazing research work.

# Bosch

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## Software

### Chetan Jaydeep

*IT - 6.5*

#### Selection Procedure

Applied through Internships, then Telephonic Interview

#### Interview Tips

Have good knowledge about your projects

#### Preparation Material

Google mostly. Read lots of research papers

#### Experience

Well corporate life takes getting used to, but other than that work is amazing!

# CITI CORP

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## Software

### Yeshwanth Akurathi

CSE - 7.6

#### Selection Procedure

aptitude test with 2 coding problems in the end, 2 technical interviews and one hr interview.

#### Interview Tips

just get to know dsa easy level from geeksforgeeks and yeah half questions will be on JAVA and some string or array problems

#### Preparation Material

geeksforgeeks is more than enough ?

#### Experience

yeah it's pretty good, just talk to them normally and nothing to be afraid to ask ANY questions, that's all be confident.

## Amit Wadtkar

CSE - 8.35

### Selection Procedure

Coding with apti followed by Interview

### Interview Tips

Questions mainly based on projects. HR round tests management skills with real scenarios given to check how applicant reacts.

### Preparation Material

interviewbit geeksforgeeks

### Experience

Work culture is good. Working hours are flexible and holidays are allowed as long as deadlines are met. Work is based on Java or C# and database. Projects based on tools and in areas such as data warehousing, big data, etc. Special knowledge of finance or banking not necessary.



# Deloitte

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## Analyst and Consulting

### Ian Galvin Fernandes

CSE - 7.5

#### Selection Procedure

The selection procedure consisted of an online aptitude test, followed by a group discussion. Those who were shortlisted from the group discussion had a final hr interview.

#### Interview Tips

In the group discussion, you are given a case study, with 20 minutes of time, to discuss amongst yourselves and come up with a solution for the given problem. Since these case studies are real world problems, they don't expect you to come up with an end to end solution in that period of time. Rather, they are looking out for the points that you bring up, and how you discuss amongst your team, so as to work towards a solution.

The HR interview is pretty straight forward. They ask you a couple of basic questions, regarding your resume, and ask you to explain what you've done in your previous internship experience, if any.

#### Preparation Material

Geeksforgeeks, codechef, look up general aptitude questions

#### Experience

The work that you do get in the company is actually very relaxed. Very basic template work and stuff like that.

## Nitya CK

IT - 7.49

### Selection Procedure

Aptitude test

### Interview Tips

Mainly HR with a little tech (explaining projects in resume). Be thorough with your resume and speak politely. Speak in GD also.

### Preparation Material

Any site recommend for aptitude questions

### Experience

Good fit if you want some personal time. Work load isn't much, the depth of it depends on which project you're allotted to. Communication is important

## Sushaanth P

CSE - 7.22

### Selection Procedure

Online exam which had aptitude, logical questions.

- Around 16 were shortlisted.

First round was group discussion, each group had 8 people, a problem statement, chart, sketch pens are given. We had to come up with innovative solutions.

- 8 people were shortlisted (4 from a group and 2 groups for interns).

Then there was 1 on 1 interview, which had technical and HR both. Questions were mainly based on your projects.

- 5 people were selected.

### Interview Tips

In the group discussion round try to use the latest technologies to come up with the solutions. My group was given a statement where there was a lot of data redundancy in a database of a company due to multiple departments having its own database, we had to come up with a solution(s) that eliminates the existing data redundancy and ensures that it does not occur in the future. Give all possible cases with their advantages and disadvantages.

In the interview, the questions were mainly on the projects, and few common HR questions like where do you see yourself in 5 years etc...

### Preparation Material

Try to be fluent in communication and try to be familiar with some latest technologies.

### Experience

It has a different experience because of its group discussion round. The interviewers were friendly and funny. Few of the interviewers were NITK alumni.

# Digiteyes91

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## Software

### Prajwal Nayaka M

*IT - 6.01*

#### Selection Procedure

Interview

#### Interview Tips

Study DSA

#### Preparation Material

YouTube videos and stack overflow

#### Experience

Amazing.

# Efftronics

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## Software

### Tejaswi

CSE - 6.5

#### Selection Procedure

First round was shortlisting based on resume. Second round was assignment related to domain applied which included coding and third round was personal interview where programming questions and logical reasoning was asked and projects mentioned in resume were discussed.

#### Interview Tips

In an interview they basically check how well the concepts are understood. Code regularly so that programming questions can be answered easily and answer the questions confidently. Discuss the projects in which you are confident so that doubts can be clarified easily.

#### Preparation Material

Geeksforgeeks, hackerRank

#### Experience

Experience was good and really useful.

# Fidelity Investments

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## Software

### Dikshant Yadav

*IT - 7.9*

#### Selection Procedure

Consisted of two rounds. Online aptitude and general english round and the second was the technical interview round followed by HR.

#### Interview Tips

Technical interview was pretty easy. One coding question and one puzzle. Also discussed about the projects mentioned in resume. Even the HR round was about projects and some basic HR questions. Do attend the ppt. It can help a lot in the HR round if you mention some points from the ppt in your answer.

#### Preparation Material

Geeksforgeeks for technical round is more than sufficient. Also basic aptitude practice and general english from indiabix.com should help.

#### Experience

The overall experience was pretty good and even the company atmosphere is chilled out.

## Kushal Gowda

CSE - 7.8

### Selection Procedure

Aptitude test followed by tech interview and HR round

### Interview Tips

Tech Interview: Questions on Data Structures and Algorithms ( Heaps , BSTs, Linked Lists and Dynamic programming ).

Tips: Be familiar with data structures and algorithms.

### Preparation Material

Trees and Graphs - Corman

Geeksforgeeks helps too.

### Experience

Still working. I like it here. Working on a Data Science project (subject of interest ) . Good work culture. Nice interaction between managers and also HR.

Also, you could be as open as you like about your views on project, or assignments.

So, overall, a really good place to work.

## Shrinidhi Talpankar

CSE - 9.2

### Selection Procedure

First round was online aptitude test. Then we had a technical interview. Then the last round was HR round.

### Interview Tips

The technical interview was not too tough. I was asked one coding question and some theory questions related to Data structures and algorithms. Then the HR round was all about my projects.

### Preparation Material

I would recommend Geeks for Geeks which has various interview questions. Go through your resume and be thorough with your projects. Even If you are stuck in some question in the interview, keep telling your thought process so that the interviewer knows your approach and might help you out.

### Experience

My experience with the company was very good. I liked the culture, learnt new technologies and I enjoyed it.



## **Rohit Sharma**

*CSE - 7.4*

### **Selection Procedure**

Two Rounds : First was aptitude + general English round , Second was Technical and HR Interview

### **Interview Tips**

My interview questions were mostly from data structures and algorithms. They asked me some puzzles too.

### **Preparation Material**

There are tons of materials available over the internet . You can just google them

### **Experience**

It was quite good. I liked the process since they asked only logical and DSA questions in the entire process.

## Yogitha A N

IT - 7.6

### Selection Procedure

First round: Written (aptitude and english)

Second round: Technical ( A mixture of basic data structure and logical puzzles as well as your projects)

Third round: HR interview ( It seemed more like they tested your commitment to the company and the generic why do you want to join the company, future plans etc)

### Interview Tips

Be confident and from personnel experience you are in control of your interview. Direct it the way you want it is be directed. Most articles that I read before getting this internship specifically mentioned that you have to be proactive during the interview. Ask questions, don't hesitate and don't try to put things on your resume that has no connection to you. It's best if you can create a linkedin and GitHub account for yourself. Your previous internships do matter to an extent.(That is not the end of the world though)

Do some basic research on the company. Do not walk in without knowing anything about the company.

### Preparation Material

[geeksforgeeks.org](https://www.geeksforgeeks.org/)

### Experience

Really good experience. Do sit for internship tests. Gives you a mock experience of placements next year.

## Srivalya Elluru

*IT - 7.06*

### Selection Procedure

1st round - aptitude and English

2nd round - technical interview

3rd round - HR

### Interview Tips

Be interactive, confident and know your projects properly.

Think out loud.

### Preparation Material

Geeks for geeks to be done properly

### Experience

Company is good, flexible timings projects are decent gives good exposure to both finance and IT profiles :) .

They make sure everyone gets comfortable with their style of working and they care about each and every intern.

# FireEye

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## Software

### S V Aditya

CSE - 6.72

#### Selection Procedure

There were 3 Rounds :

1. Online Test with 38 MCQ's (Apti , All CSE Concepts) and 3 Coding questions
2. Technical Round - 10 Members
3. Manager Round - 2 Members

#### Interview Tips

Both the Interviews were purely on resume. You should be perfect on what you say it should be enough. No coding questions were asked.

#### Preparation Material

Anyhow everyone knows them. Indiabix for apti and geeksforgeeks

#### Experience

There were skype interviews. You can contact me for any further queries.

aditya.siriguppa@gmail.com

# Fourth Frontier

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## Core

### David Joseph

*CSE - 5.59*

#### Selection Procedure

Stage 1 was a general "Why should you be selected?" question

Stage 2 was a problem solving round with a statement given along with a dataset

Depending on performance candidates are selected.

#### Interview Tips

Be to the point. Code must be efficient and as small as possible. Do your best and always talk professionally, especially when it involves industry experts.

#### Preparation Material

Research papers

SciPy manual

Numpy manual

Data analytics and Signal processing in python is a bonus.

#### Experience

Very good. It is a new field of computing which has a lot of scope and is very interesting to learn and apply. The work done here will have a huge impact not only for the company, but a huge market as well.

# Goldman Sachs

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## Software

### Neha

*IT - 9.45*

#### Selection Procedure

First round : 1 coding question (articulation point) worth 40 points, and aptitude and probability theory related questions worth 60 points.

Second and third rounds were tech rounds; second, involved some questions on Java and some algorithms. Third was mostly questions on projects mentioned in the resume. Finally 2,3 HR related questions.

#### Interview Tips

Stay calm, confident and give your best. Your approach towards a problem is what they give importance to. Speak through your approach in detail, to the interviewers. All the best :)

#### Preparation Material

[geeksforgeeks.org](http://geeksforgeeks.org) gives a good idea about the type of questions that you can expect.

#### Experience

Software development. Mostly requires you to be comfortable coding in Java. The mentors and managers are all really helpful. Organization has a flat structure, you are free to get in touch with anyone across the firm, including the branches abroad.

# Google (Zurich, Switzerland office)

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## Software

### Mohit Reddy

CSE - 8.85

### Selection Procedure

Off campus. Application on careers page. Applied for NA and EMEA regions.

Late for Indian offices ( please don't make this mistake)

### Interview Tips

2 hangout interviews.

Algorithms and Data Structures questions. Generally combination of two more data structures.

1) String based question using hashing.

2) combination of bst and heaps.

They don't expect you to know the syntax. You can make up the syntax. (like: GetHighest(arr)- get the max element in the array if you don't the syntax of STL)

Get your basics right. They don't generally ask very hard questions.

Try to approach from brute force and try to optimize your solution step by step.

Think and discuss about the solutions and way of your approach. Never stay silent for long time.

Interviewer just doesn't see your coding skills. He notes your listening, understanding and optimizing skills. Don't jump into coding directly.

Be prepared for questions like:

Recent bug you came across and how did you overcome it.

Previous experiences/projects.

They ask these to kill time basically. But be prepared. They might be checking your conversation skills. Don't lie or cheat during the interview. They will have your profile in front of them.

Ask for mock interviews from your seniors/friends. (Note: you can contact me for this, ready to help you guys anytime :) )

### Preparation Material

CLRS

### Experience

Very good.

Lengthy process and no direct meetings, so kind of frustrates you when your result time is close.



# Google, Hyderabad

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## Software

### Ananda Rao H

CSE - 9.7

#### Selection Procedure

1. Submit application on Google Careers Page.
2. Shortlisted candidates are sent a mail to schedule the interviews.
3. Schedule and give 2 ( 45 minute interviews )
4. Hired candidates are given the Offer Letter

#### Interview Tips

Questions are related to DSA and you will have to write code without Auto Complete :P

Tips :

1. Learn to take care of all corner cases.
2. Write readable code. ( By readable I mean, indentation, meaningful variables, modular code and so on. )
3. Be honest. If you've solved a question before hand, tell the interviewer.
4. Ask questions. The problems given are under-specified. The interviewer will rate you based on the your thinking and questioning abilities.
5. Be vocal about your thought process.

#### Preparation Material

1. GeeksForGeeks
2. Spoj/Codechef problems
3. CLR Intro to Algorithms

#### Experience

It's been awesome so far. People are really nice and helpful. The office and food is too good. Work environment is very good. They make sure you have a wonderful intern experience. :)

# Intuit

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## Others

### Vignesh K

CSE - 9.52

#### Selection Procedure

Coding round, two rounds of interviews

#### Interview Tips

The interview started off with the standard question "Tell me something about yourself". I seized the opportunity at once and immediately started describing my areas of interest, DSA and ML. So the interviewer asked me to explain the K-Means clustering algorithm which was still fresh in my head and it went well. The second was a question on BFS traversal of a graph applied to a real life scenario. The interviewer asked me to write the code for it. So that too went well. The good start gave me a lot of confidence. And consequently I was able to answer the following questions on OS quite satisfactorily. There were a couple of factual questions on OS which I had unfortunately forgotten and couldn't answer. This was followed by a puzzle on probability which I answered partially correct. And that was the first round. The second round was conducted by a relatively more senior employee. He intimidated me at the very beginning by saying that he is aware of my strengths and weaknesses after the first round which was not very pleasing to hear. And as expected, all his questions were core OS questions. I could answer some of them with my existing knowledge while the remaining were completely practical and I did not have the experience to answer those. So overall, the interview went pretty well except for a few hiccups :). So the take away from this experience for me was that starting well by diverting the interview to my strengths really boosted my confidence and helped me tackle the subsequent questions more boldly. Also, discussing my approach with the interviewer as and when I was formulating it helped me because there were instances where the interviewer would point out small mistakes and I would immediately correct them, thus preventing the entire answer from going completely wrong. And staying confident always helps.

#### Preparation Material

Competitive programming websites like Codeforces, CodeChef and Hackerrank

#### Experience

I am not interning there.

# JP Morgan Chase & Co

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## Software

### Mounisha R

*IT - 8.12*

#### Selection Procedure

Firstly, there was a written test which comprises of 90 questions on

Quantitative, Verbal, Programming, Logical. Then, the selected students had 2 rounds of interview (1 technical and 1 HR). In the technical

interview they asked basic questions from data structures, some mathematical questions on probability and few questions on networking.

#### Interview Tips

Have a good grip on your basics in data structure. Practice aptitude questions. Know your resume in and out in such a way that you are ready to answer anything regarding it.

#### Preparation Material

Geeksforgeeks, Indiabix, Glassdoor.in.

#### Experience

The internship experience is awesome.

## Prerana K R

IT - 9.39

### Selection Procedure

There was an initial screening round with analytical, mathematical, technical and general aptitude questions. Questions were simple and solvable in the time provided. Following this, the shortlisted candidates had two rounds of interviews. A technical round in which Java related questions were asked, and an HR round.

### Interview Tips

Technical interview is mostly based on topics the candidate mentions as his/her interests. Be thorough with all the topics you mention as being your interests. Also know about the company, what it does and its competitors as that was the first question asked!

### Preparation Material

Questions from GeeksForGeeks and all Java concepts from various internet resources.

### Experience

The overall process of getting the internship was simple. Interviews were short and relaxed. Projects are given based on the candidates interests.

## Others

### Bairi Sandhya Rani

*CSE - 7.0*

#### Selection Procedure

There was an aptitude test. Shortlisted candidates then had to go to technical round. The shortlisted candidates of this round were then called for HR round. Technical and HR rounds were conducted on the same day. Final list was given on same day.

#### Interview Tips

For aptitude test, quantitative aptitude, logical reasoning and programming basics were asked. In technical round, I was asked to write code for few questions in the programming language that I am comfortable with. Details about my projects listed in my resume were asked. There were few questions that were challenging to answer.

#### Preparation Material

Geeks for geeks, data structures by Narasimha Karumanchi, online aptitude tests for practice.

#### Experience

The process was fine. The firm is one of the best places to get a corporate world experience. It was new and greater than my expectations.

# Krazybee

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## Software

### KEERTHANA A

*IT - 7.4*

#### Selection Procedure

Resume screen and face to face Interview

#### Interview Tips

Know your resume well

#### Preparation Material

Indiabix , career guru, etc

#### Experience

The internship was good as i worked on my area of interest which is the Data analytics and got to know much more about the same and also had an opportunity to meet some expert Data scientists.

# MAQ Software

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## Software

### K Saicharan

*IT - 8.15*

#### Selection Procedure

Only One Round after being shortlisted based on CGPA.

Pen and Paper Round, in which we were given two questions to answer . First Question was based on Recursion. And second question was largest area of the rectangle in a histogram. All those who are shortlisted were recruited.

#### Interview Tips

Be clear while explaining the solutions to the interviewer.

#### Preparation Material

Geeksforfeeks , Hackerrank.

#### Experience

It started with a sheet of paper for answering the questions and ended with a book written by the CEO of the company as compliment.

## K Saicharan

*IT - 8.16*

### Selection Procedure

Based on the Cgpa, 11 members were shortlisted for further rounds. There were 2 rounds (pen and paper). In both the rounds we were given a question to solve. They needed the solution in recursive way. The first question was to find the sum of the squares of numbers of length(n), there's a slight change in the series of numbers to be added from the general one. The second one is the well known maximum area of rectangle in a given histogram. After this rounds, Final round was HR.

### Interview Tips

It was quite simple. We were given lot of freedom to think over the problem.

### Preparation Material

geeksforgeeks, hackkerank

### Experience

Satisfied.



# Microsoft

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## Software

### Ayushi

*IT - 9.59*

#### Selection Procedure

1 coding round followed by groupfly followed by 2 interviews

#### Interview Tips

Don't be nervous. We were asked to write an algo and then find bug in that. So it is really imp to know in depth abt what ur code.

#### Preparation Material

Gfg

#### Experience

The interview process is no different from other companies. Interviewers were friendly.

## Asavari Limaye

CSE - 9.1

### Selection Procedure

First there was a computer based coding round which was conducted in the labs in college. The second round was a written round with 2 coding questions. After that we had two rounds of Interviews which were conducted in one day itself. Both were technical interviews, with coding questions s which you would easily find on geeks for geeks. I was not asked much about my projects. There were no non-technical (HR) questions asked.

### Interview Tips

I think practicing as many questions beforehand would be the most reliable way to do well here. Prepare well, and most importantly, don't get nervous. Make sure you know everything on your resume well.

### Preparation Material

I used only Geeks for geeks and Cracking the Coding Interview by Gayle Laakmann McDowell.

### Experience

Interviews were conducted smoothly and we didn't have to wait that long. Entire process took just around 4 hours and we were informed about our selection the same day, in the evening.

## Divya Narayanan

*IT - 9.1*

### Selection Procedure

There were totally 4 rounds. First round was coding round followed by a written round. Then there was a technical interview followed by a problem solving session.

### Interview Tips

The first round was not that hard. I practiced coding during my summer from Interviewbit and it helped me a lot because of which I was able to do well in the first round

### Preparation Material

Interviewbit

Geeksforgeeks

Be thorough in your data structures because that is what all the companies look for. Practicing few questions daily will definitely help you crack the exam better

### Experience

Well, Microsoft is amazing! I'm having a good time here and the project is good too. Cracking good companies just means you can excel in your work and also extra curriculares.

## Keerthan S Shagrithaya

CSE - 8.58

### Selection Procedure

1-Online coding, 2-Written test, 3-Technical Interview, 4-HR interview

### Interview Tips

The questions asked in the coding round were similar to the dsa labs. The interview questions ranged on topics from software engineering, databases, OS, Algo. However, you can steer the interview by telling which subjects you like initially and explaining about your projects and past work experience. They had only one preset question, on Algo. The others he asked on the fly, after looking at the resume and knowing my interests. For HR interviews, be honest and confident.

### Preparation Material

GeeksForGeeks, Hackerrank, Codechef

### Experience

It was an interesting experience. I had expected a lot of grilling with algorithms in the interview, but that wasn't the case with me. They focused on database for me, mostly because of my previous internship, and on my projects. There was even an interesting question wherein he asked how I can bring one of my projects to production level and scale. Overall, it was definitely a fruitful learning experience.

## Kavya Atmakuri

CSE - 9.06

### Selection Procedure

CGPA cutoff, online coding round, written round where we had to write test cases for a program, 1-1 interview, written coding round

### Interview Tips

The interview was mostly based on my resume, and previous projects. Just make sure you actually know what you say you know. And if they ask you to write code in front of them, tell them what you're thinking, how you're approaching the problem, even if you aren't able to come up with the solution.

### Preparation Material

Geeksforgeeks for DSA, algorithms

### Experience

It's been fun, lots of perks :P

Everyone makes you feel like you belong here. And there's always someone to help you so don't be intimidated by the idea of working for a company and actually contributing to something so big.

## Vishakh

*IT - 8.76*

### Selection Procedure

Coding round -> Written Round -> Two interviews -> HR Interview

### Interview Tips

While talking it's good to continually explain your thought process to the interviewer, even if you gave the wrong answer. Explain how you arrived at it. Keep calm and composed.

### Preparation Material

Hackerrank, CLRS, Second year notes

### Experience

Positive experience on the whole. Did not like the coding round but that's probably because I never like competitive coding. Written rounds and interviews were peaceful with chill interviewers who encouraged you to think.

## Deepak Srikanth

*CSE - 8.13*

### Selection Procedure

1 coding round followed by two face to face interviews.

### Interview Tips

Both interviews were very casual and informal. Both were tech based and went very in depth. Tips-keep calm during the interview, if you don't know the exact answer, describe your thought process.

### Preparation Material

Introduction to Algorithms- CLRS

### Experience

The process was good, though there were some technical issues in the coding round.

## T Subramaniam

*CSE - 9.31*

### Selection Procedure

1. CGPA based filtering
2. Coding round
3. Interviews

### Interview Tips

I had two rounds of interviews. The first round consisted of questions related to operating systems and design principles. In the second round, basic DSA questions were thrown at me and I had to write the code on paper taking care of all corner cases.

I would suggest to understand and learn anything since the questions they had asked me, were all conceptual. Also, having a good hang of coding always helps, be it during the coding round, interviews or during your internship. Keep your nerves cool during the interview and try to see it as a platform for discussion rather than just an interview.

### Preparation Material

Course reference books are a good source for understanding theoretical concepts. Coding requires practice and any online judge would serve that purpose.

### Experience

I had a good learning experience at Microsoft accompanied by a lot of fun.



## Samanvita

CSE - 9.17

### Selection Procedure

Preliminary coding test, group fly, interview

### Interview Tips

Be confident in the way you talk. I felt my interviewer himself didn't know much about the projects i had already done. But he asked questions on them anyway to see if I was confident about the projects I had done.

### Preparation Material

Codechef

### Experience

Microsoft is the dream company. Hyderabad campus is the dream campus. Managers are chill, you get amazing food and accommodation. And so many trips organised by the Company itself.

## Mohit Reddy

CSE - 8.85

### Selection Procedure

Coding round.

3 questions.

2 easy (1 brute force array question, 1 binary tree question)

1 easy-medium(handle large integers using arrays, difficult to get the logic of using ints in reverse order)

### Interview Tips

2 interviews.

First one, completely different from others.

Systems design question: Create a web application which handles concurrent updated by users but the user should be notified about the updates. Design backend and data storage completely.

Suggestion: ask more info about the data (structure, size, definition etc). Don't mess things up (ex: combining things like database and backend server in a single entity etc). Try to relate to your experience so far. Don't mention things you don't know much about(should atleast know pros and cons of using it)

Second one, Algorithms and DS question. Find middle element of a linkedlist.

Suggestion: Handle corner cases properly.

### Preparation Material

CLRS

### Experience

Good. Interviews were very short. And questions very basic and easy.

Process: Yes.

Did it fit my style?: No.

# Morgan Stanley

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## Software

### U Chinthan Maiya

CSE - 9.22

#### Selection Procedure

1 coding+apti round, 1 technical interview and 1 HR interview

#### Interview Tips

In the tech interview, I was asked

1. About hash tables and their implementation in C
2. Given a pointer to a node of a linked list, delete it

I was asked a few OS questions and a little bit on my projects...

4 people were shortlisted for the next round which was an HR interview.

As always, I was asked why I wanted to join Morgan Stanley and also about my

strengths and weaknesses. The interviewer fired counter questions for everything I said...But I managed to justify my points quite well..

Tips- Don't get nervous... Interviewers will be nice and friendly in 90% of the cases.

Always have a smile on your face. Think before speaking, especially in an HR interview. Have something ready to say when the interviewer asks why you want to join their company.

#### Preparation Material

Geeksforgeeks, some online study material to quickly revise OS and other concepts, hackerrank

#### Experience

Very good...It was one tiring day. All the 4 who had been shortlisted for the HR round were selected...

## T. Guru Pradeep Reddy

CSE - 9.12

### Selection Procedure

cgpa cut off : 8.5

First round (coding + mcq) : 13 -15 are shortlisted.

Second round(F-F interview) : Data structures and algorithms

Third Round : OS, COA and OOPS concepts

They shortlisted 4 ppl

Final round : HR

They selected all four of us :)

### Interview Tips

First Round :

Two or three coding questions. All of them are dynamic programming based. Along with coding questions there multiple choice questions related to data structures. Good understanding is enough to clear this round.

Interview:

First round they asked questions related to data structures and algorithms. They asked me about longest palindromic substring. one linked list question and few standard dp questions.

Next round was mainly focussed on OS and COA. Various questions related to paging, virtual memory, Threads were asked. Then they questions related to Object Oriented Programming

Last round was hr. They gave me different scenarios and asked if i had faced them before, and if i had then they asked me how i dealt with them. It would be better if you can prepare for such questions before hand.

### Preparation Material

Geekforgeeks

Interviewbit

<http://www.fromdev.com/2016/02/best-interview-preparation-sites.html>

<http://blog.gainlo.co/index.php/category/google-interview-preparation/>

### Experience

The interview procedure was good. Especially Hr round.

## Adithya Bhat

IT - 9.45

### Selection Procedure

One coding round in hackerrank + one technical round + one hr round

### Interview Tips

My interviewers were interested in knowing data structures very well and they asked questions regarding internal implementations of the collections API in java. This is a really good thing to know in the interviews. Also solve some problems beforehand. Be confident during the interviews and try to connect with the interviewers while also showing how smart and aware you are of the latest technologies. Present yourself as they you are selling yourself as a product. Highlight the positives, convince them the negatives are negligible and do not have impact on the work.

### Preparation Material

Learn advanced java, java collections courses, geeksforgeeks, codechef and hackerrank.

### Experience

Morgan stanley does not differentiate between their employees and interns. Everyone is provided with good facilities like transportation to and from the place stay, free cafe, free printing and lots of learning materials like safari and pluralsight. They also train the interns to help them prepare them for the interviews. The training is provided by industry experts, people are have developed and built the product in its early stages. They also provide flights from/to the internship location. They provide accomodation to the interns for the first 15 days in a 3 star hotel with complimentary laundry, shuttle service and breakfast. The work hours are flexible. There is no minimum number of hours to work in a week. They also permit you to work from home.

## Ranganath Pai M

IT - 8.37

### Selection Procedure

First there was an online round, which had about 25 analytical questions (GRE-lite) and a couple of DP problems on the Hackerrank platform. After about a week, they shortlisted about 6 candidates for the next round.

The next round was a technical round. The interviewer started off by asking me about myself and stuff. He asked questions on binary search trees, and some other data structures and algorithms. It was a pretty easy round. After this they selected 4 / 6 to the next round.

The next round was an HR round. They asked stuff like introduce yourself, what are your strengths, weaknesses. They gave scenarios and what you'd do in such scenarios. Interesting round with conversational style. After this all 4 of us were selected.

The first round started at 10 and results were announced at about 8ish.

### Interview Tips

For coding rounds, be familiar with common data structures like BSTs, Linked Lists, and common operations on them. Also practice problems on different types like Greedy, DP, etc.

For interview rounds, Read up on data structures and algorithms. Also, having knowledge of Operating systems is good. Geeksforgeeks is an invaluable resource. Go through the interview questions by the same company that you're writing for on it. Also, during the interviews it's not necessary to get the right answer, your thought process is more important. Start off with a naive solution and try to optimize it if you aren't familiar with the problem. You must know and be comfortable with at least one language. It's good to know the intricacies in it.

### Preparation Material

Geeksforgeeks

Introduction to Algorithms - Cormen

Cracking the Coding Interview - Gayle Laakmann

### Experience

The projects that MS gives its interns are varied and can range from extremely interesting to dull. But if you're interested in the finance world, or even just want to check if it would be a good fit, it's a valuable experience. You'll learn how to work in a corporate environment and learn how to interact with higher ups and managers. It's best to keep in mind that this company is a business first and a technology firm after. And technology is just a way to power and achieve its business goals. So if you're interested in finance and learning more about it, this is a great place to work. Otherwise, not so much.





# Plivo Communications Pvt. Ltd. Bangalore

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## Software

### Shruti Singala

CSE - 6.9

#### Selection Procedure

- 1) CGPA cutoff - 6 to sit for the online test
- 2) Online test round
- 3) Technical interview
- 4) Assignment round
- 5) HR interview

#### Interview Tips

Read up about Plivo. What, how when, where. The following are some links that will help:

[www.plivo.com/](http://www.plivo.com/)

[www.plivo.com/about/](http://www.plivo.com/about/)

[www.plivo.com/docs/](http://www.plivo.com/docs/)

The tech interview was solely based on my resume for my case. DO NOT PUT ANYTHING THAT YOU ARE NOT COMPLETELY SURE OF ON YOUR RESUME. Although that applies for all companies, Plivo takes it very seriously. Be sure on what projects you mention. You need to know and remember every single detail. Extra points for doing projects out of course. (There is guy interning with me from IIT-D. He had mentioned a two page list of projects on his resume. The tech guy asked him how many of these are course required projects. He said "none". He was directly selected without an assignment round :P ) Rest assured, you will be good to go.

For the HR interview, be honest. They don't want liars and you don't want to be stuck up at some place you don't belong.

Ask questions. They like curious minds.

## Preparation Material

Prepare core concepts of the subjects that you mentioned on your resume. (Do not mention a subject if you barely passed in it :P)

Read up about your projects.

Read up about plivo.

## Experience

1) CGPA cutoff at 6 to appear for the online test round

2) Online test - This one was very very different from the other online tests I had given or seen. It actually tested aptitude for CSE through playing with browser network requests and html code inspections etc. We were allowed to browse the internet (it was necessary). There were 7 questions only. You could go through to the next question only if you answer the current one correctly.

3) Technical interview - duration - about 15 mins. The interviewer(now my boss) asked me general questions about the subjects I had studied as per my course (if i like them, if students actually understand the subjects or somehow manage to pass :P He is an NITK alumni from CSE dept so he knew our situation). Then he asked me concept based questions on the projects I mentioned in my resume.

4) Assignment round - At the end of the technical interview he gave me an assignment based on one of my projects (computer graphics). It was 1pm at the time. He told me theyll be here till 4-5ish. I was to finish the assignment before that and come back to them. (Also they were going to hire only 1 or 2 people max and I was told that if they finish selecting someone before I finish my assignment, they won't even see my work) So I hurried up and managed to get an output to the code. On showing the output, he asked me to improvise it, add some extra features. This happened about 3-4 times, every time i would go to him to show my code and he would say "now add this feature", till it was 9pm. Then he asked me to clean up the code(meaning modify the code such that the output remains the same but it follows proper coding guidelines. in my case he asked me to implement my code strictly with object oriented python). Since it was late, they decided to pause the assignment round for the moment and take my HR interview. (Also I was the only one who had managed to pass the assignment round)

5) HR interview - duration: a little more than an hour. Plivo takes their HR round very seriously. So my interviewer had about 20-25 questions prepared for me. He was also typing out all the answers that i was giving to cross question later. He asked me general questions about my hobbies, etc. and then some work questions like "What would you do if you had a fallout with your coworker and then was assigned a project with them? How would you go about dealing with this situation?". After an hour of answers questions like these the interview was finally over.

After this, both the HR and tech guy went into a room to discuss my future :P They decided that I had passed the HR round but my assignment round was still incomplete. So I was to clean my code and mail it to him in a day or 2 which he told me would be my one and only try.

So I did and sent it across. The tech guy was "not impressed" but for some reason he gave me one more chance. So i modified it once again and sent it. This time he said the "code seems fine though there are a few concerns" but soon after that he told me I was selected for the internship. Two days later, I received my offer letter. :)

# Samsung

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## Software

### V B Vineeth Reddy

*CSE - 8.67*

#### Selection Procedure

A apti plus coding round. Followed by GD

#### Interview Tips

No interview :p

#### Preparation Material

Try interview bit

#### Experience

Yeah. There are insane amount of projects. If you get the one you like then it's awesome. Like I like image processing and got that

# Samsung R&D, Bangalore (SRIB)

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## Software

### Aparna PL

*IT - 9.44*

### Selection Procedure

Online coding round+apti-> Group Discussion

### Interview Tips

There was no interview for Samsung. In general, it is important to stay calm during interviews. If a question is not clear, ask the interviewer and make sure you both are on the same page. They are usually pretty helpful. Talk to the interviewer about your thought process. He might be able to give you a better insight.

### Preparation Material

Geeksforgeeks

### Experience

The internship process is tiring but its a great learning experience.

## Vaibhavi N Pai

CSE - 8.2

### Selection Procedure

Initially there was an aptitude round for one hour, following which there was a coding round consisting of 3 simple questions. We could code in C,C++ or Java. The selected students were divided into batches of 12 and had to engage in a technical group discussion, following which the shortlist was announced.

### Interview Tips

I was a part of a GD, where we had to pick any algorithm we liked and discuss its use cases.

For any interviews in general, I would recommend to be clear with basics and through about everything that you put on your resume. Also, don't forget to wear your confidence.

### Preparation Material

indiabix.com for aptitude, hackerank.com, geeksforgeeks.com for coding

### Experience

The procedure was a little chaotic, and they could have had a better filtering criteria.

## Huzaifa Abbasi

*CSE - 9.2*

### Selection Procedure

Group discussion

### Interview Tips

No interview was conducted

In the group discussion, confidence and clarity of speech was the key.

### Preparation Material

Cracking the coding interview

### Experience

It was simple and easy to follow. There were no hitches in the process.

## Rama Shanbhag

*IT - 8.06*

### Selection Procedure

Coding and aptitude round -> GD

### Interview Tips

No interview. GD on general topics

### Preparation Material

geeksforgeeks

### Experience

It's very chill



## Divija Nagaraju

*IT - 8.2*

### Selection Procedure

Online test+ Aptitude+ GD

### Interview Tips

Focus on understanding the core DS and Algorithms and not on mugging methodologies from geeksforgeeks.

### Preparation Material

CLRS, Geeksforgeeks, codechef.

### Experience

The experience was good. It was too laid back for my liking but got to learn, nevertheless.

## Vibhav Kumar Sah

*CSE - 8.1*

### Selection Procedure

First Round: Coding

Second Round: Group Discussion on technical topic

### Interview Tips

Think aloud.

Even if you don't know the correct answer, just tell your approach. Speak and be confident.

### Preparation Material

Geeks for Geeks

Data structure made easy Textbook

### Experience

It was a good experience. I want to tell that even if you get internship in the starting months only, don't stop practicing your coding. Otherwise it may affect during your placement.

## **Samarth Mishra**

*CSE - 8.2*

### **Selection Procedure**

Coding test and GD

### **Interview Tips**

Know your projects well

### **Preparation Material**

Geeks for geeks

### **Experience**

Intern work won't be much. Utilize this time to learn other skills.

## Saumya Gupta

CSE - 9.52

### Selection Procedure

Online test comprising of one hour aptitude and one hour coding round (3 questions in coding round), followed by a group discussion.

### Interview Tips

Basic DSA coding questions. Not too difficult. Practice arrays, sorting, trees, and dynamic programming.

### Preparation Material

Refer the book by Narasimha Karunmachi. Study from GeeksforGeeks, and indiabix.com for aptitude.

### Experience

Depends on the division you're assigned to. Work is pretty chill overall.

## Yathish Reddy M

CSE - 8.05

### Selection Procedure

Selection procedure was pretty simple. First round was online coding round: which had three coding questions. And one section of aptitude questions.

Shortlisted candidates were selected for a group discussion. Which had topics related algorithms and operating systems.

After both the rounds we were selected.

### Interview Tips

Be confident. Don't make up or fake things. You'll be easily caught. Apart from this be genuine and thoughtful while answering any questions. Try to think and convey your approach to the interviewer which is very important. If you're calm and composed you can easily ace it.

### Preparation Material

Brush through your basics of data structures and algorithms, operating systems, object oriented programming concepts, architecture and organisation as well. Geeks for geeks, interview bit helps doing this, data structures and algorithms made easy by Narasimha Karumanchi is what I referred. Solve as many problems as you can. You can find some good questions on code chef, hacker rank, spoj and other similar sites. Discuss among your friends, more importantly go through your resume properly and be prepared for any questions that are fired from your resume. All the best and cheers.

### Experience

It was good.

## Manisha Jhavar

*IT - 8.56*

### Selection Procedure

Two separate tests : one was aptitude and another was coding. After short-listing candidates from these tests, a group discussion was held.

### Interview Tips

I didn't face any interview, because Samsung was the first test which I cleared and there were no interviews. There was just one group discussion after which they short-listed candidates.

### Preparation Material

Geeksforgeeks is really good. "Data structures and algorithms made easy" by Narasimha Karumanchi is a good book to prepare from. Practice online on codechef, hackerrank and similar platforms. Be thorough with the basics of algorithms and data structures. Also go through OS concepts along with basic networking and database concepts.

### Experience

The coding test was not that difficult. Aptitude had many questions, so, we have to be quick. The group discussion was good. Overall, it was a good experience.

## Samyak Jain

*IT - 8.4*

### Selection Procedure

Online Test + GD

### Interview Tips

No interview.

### Preparation Material

Learn from GeeksForGeeks, Practice on InterviewBit, HackerRank (most companies use this platform for their tests - get familiar with it)

### Experience

Worked on IoT.

Great work!

# Samsung,Bangalore/HEPIA University, Switzerland/CERN, Switzerland

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## Software

**Pooja Mahadev Soundalgekar**

*IT - 8.88*

### Selection Procedure

Samsung- NITK Campus internship process with technical online round and group discussion.

HEPIA- One from IT department, based on the presentation given to HOD.

CERN- Filling online CERN open lab summer student programme.

I selected HEPIA and CERN as both are in Switzerland.

### Interview Tips

Nothing tough just basic coding for Samsung selection. HEPIA was based on the presentation which involved pointer and past internship experience. CERN is completely based on the application form, the SOP and resume.

### Preparation Material

I used interviewbit and geeksforgeeks.

### Experience

So far the professor at HEPIA university is very nice and helps with everything. A very good guide. I like the work I am doing in the field of ML and HPC.

My internship at CERN has not yet started but it's well planned with lecturers and mentors for every domain in the research work. (Plus you get to see and work in the European nuclear research lab which is amazing)



# Sandisk

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## Software

### Snigdha Manasvi

CSE - 9.46

#### Selection Procedure

Written test - Mental ability + C coding

#### Interview Tips

Questions related to Operating systems and C language were asked. HR round was mainly focussed on why do you want to join the company.

#### Preparation Material

Concepts like pointers, file handling, operating systems, computer architecture are important for computer science students. Competitive Coding is not required.

#### Experience

Work culture is good. Plenty of time and guidance is given to you so that you can work on the project. For people who are interested in data storage technologies, the internship would be interesting. However, the kind and amount of work you do will depend on the mentors you have and how much they interact with you. Working hours are flexible as long as your work is complete.

# TUM Munich Germany

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## Others

### Natasha Jeppu

CSE - 9.56

#### Selection Procedure

DAAD WISE - select German professor and get acceptance. Apply to DAAD.

#### Interview Tips

Resume and SOP are very important. They have cgpa cutoff too, keeps changing from year to year

#### Preparation Material

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#### Experience

Filling out application form is very rigorous, keep SOP and resume ready. Also very important, start mailing German professors during summer or just when college starts cause they take a lot of time to reply and without their consent you cannot apply for DAAD.

Keep checking the DAAD WISE website frequently for updates.

# Ugam Solutions

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## Analyst and Consulting

### Rutwij

CSE - 8.0

#### Selection Procedure

Test followed by gd and interview

#### Interview Tips

Was asked about a pricing strategy case. Have a good grasp of general world events.

#### Preparation Material

[Www.indiabix.com](http://www.indiabix.com)

#### Experience

Yes it was a enjoyable experince since hr was very friendly.

## Pranathi Alla

CSE - 6.64

### Selection Procedure

Round 1-Aptitude written test

Round 2-Group Discussion

Round 3- Tech+HR

### Interview Tips

In the interview, a key factor to keep in mind is to ALYKE (Act Like You Know Everything). This obviously isn't true all the time but it still helps to stay confident

### Preparation Material

Indiabix.com, careercup.com, geeksforgeeks

### Experience

Ugam solutions is a service based company and is one of the leading Analytics companies. The company's atmosphere is very chill with ragging sessions and Interns bonding over games and self made office hours ( has to be 8 hours per day minimum though). It gives you a different perspective to ponder on regarding software jobs that one might get placed in future. It is a great company to intern under although what we have done in the intern isn't too related to anything we've learnt.

# VISA Inc.

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## Software

### Devesh Avutu

CSE - 7.6

#### Selection Procedure

Selection procedure was of three rounds, first round was hackerrank coding round which consists of three questions. Second round was technical round of interview and third round was HR interview.

#### Interview Tips

Mostly questions related to data structures and algorithms were asked to me in the technical round of interview, I wasn't asked any questions related to operating systems but others were asked many questions related to operating systems. Then there was a long discussion on projects mentioned in resume. So be thorough with data structures, algorithms, operating system concepts and the projects mentioned in your resume. Typical HR questions were asked in final round much preparation is not required for it just be confident and keep talking.

#### Preparation Material

Participate in online coding contests on websites like hackerrank, codechef etc. Geeks for geeks for technical round of interviews.

#### Experience

Overall experience with the company was pretty good. Worklife balance is good. Facilities provided, work culture, infrastructure are excellent but the projects given to interns are below average without proper planning.

## Gouru SuryaDev Reddy

CSE - 9.08

### Selection Procedure

First Round - online coding round on hackerrank platform (3Q)

Face to Face interview

HR round

### Interview Tips

Please be thorough on all the projects which you mention in your resume. Some basic graph questions Bfs, dfs were asked. read up on the object oriented concepts like interface, inheritance, polymorphism with real life examples. Be prepared with few questions for interviewer about their company that shows you are really interested.

### Preparation Material

GeeksforGeeks

### Experience

You need to be really patient throughout the internship recruitments. There are many companies which come. So you don't need to get panic if you don't get through one company. Try to tell about yourself in a unique way mentioning your strengths and the things you are good at with some good scenarios. Please don't mention about your higher studies plans if any. That will rip off your offer. Be prepared with few HR questions like what do you want to be down the line after 5 years, which company would you choose given a two etc. Please make a note of all the mistakes which you do in your interviews, that would help for the next. Be confident of yourself and rest leave it to god..

All the best..

## Anirudh Sriram

CSE - 7.5

### Selection Procedure

One coding round, one tech interview round, one HR interview round

### Interview Tips

Be calm, give honest answers. Try and come up with creative solutions and don't try and pander to them, they notice pretty easily.

### Preparation Material

Competitive coding is useful for the first round, but after that, make sure you know your basic concepts like algorithms, operating systems and stuff at least fairly well.

### Experience

The work policy is great. They expect actual work as opposed to just sitting for countless hours. The work isn't too bad either. You get to learn a lot from your time at a serious internship.

## Sahadev pai

CSE - 7.78

### Selection Procedure

Coding round with 3 questions of different difficulty level, easy medium and hard.

Followed by a technical interview and a HR interview.

### Interview Tips

They asked me to explain some standard algorithms and later write their pseudocode (Graph algorithms) . Some questions on double linked list (source: geeks for geeks). General application questions based on operating systems. Two or three puzzles.

### Preparation Material

Geeks for geeks, interviewbit.com

### Experience

Overall a good company for internship.



## Shreyash Karode

IT - 7.68

### Selection Procedure

There were three rounds.

1st round was coding conducted on HackerRank. Three question were asked sequenced according to difficulty level from low to high.

2nd round was technical interview.

3rd one was HR interview.

### Interview Tips

My technical interviewer was pretty straightforward he went through my resume and first read the extracurricular section and appreciated for my extracurricular activities and then he told me that I have 5 minutes to speak about myself and I have to speak on only three things, About my introduction, what I like and what I don't like. So this is the golden opportunity to make your first impression by speaking confidently about your interests technical non technical, be natural, speak only truth and try to tell unique things about yourself. Later skipping everything on my resume he directly went to my projects(Reason to keep your resume short) and asked me to speak about one of the projects I listed. So I confidently explained my project as I knew the technicality in depth(list only things you are confident about and try to learn and understand every technical aspects of your project in depth). Then with that he seemed quit impressed. After that he gave me one coding question and asked me to write the code for that on the paper. So withing few minutes I could figure out the logic and wrote the code. (while you are thinking speak it out so the interviewer can know your approach). With that again he was quit impressed and finally he told me to ask any 3 questions to him regarding anything. Again this is the another golden opportunity to make your last impression. Try to ask unique and interesting questions which are not common I did the same and he was happy with a smile on his face. He shook hand with me and said it was nice speaking to me. So the point is be specific and confident about what you say and know the technicality in depth.

In HR round the interviewer was asking open ended questions. Ex. Tell me about the situation where you had a plan and on time it failed so you had to go with another plan. So how did you manage it?

Here also be confident and keep on answering don't be quit.

### Preparation Material

- 1.Geeksforgeeks is the best site to learn all data structures and algorithms related concepts.
- 2.The most important thing which helps you in tackling any kind of coding question is solving problems on code chef, HackerRank and participate in the coding competitions throughout your

summer vacation. It gives your brain a habit to think on any kind of coding question and get the logic.

3. For aptitude [indiabix.com](http://indiabix.com) is good.

### Experience

Visa is a really interesting company to work in and the process they follow is well structured and takes the best out of you irrespective of your pointers that's why it fitted my style. And you get to work on really good projects.

## Vaibhav Nayak

IT - 7.51

### Selection Procedure

We had a coding test involving three questions of varying difficulty; about twenty shortlisted candidates had to appear for two interviews, a technical and an HR, after which seven candidates were offered internships.

### Interview Tips

My technical interview started with an application based optimization problem involving data structures, following which I was asked to implement a few common algorithms. Nothing was too hard, the interviewer was friendly and the interview was more like a discussion.

The HR interview involved generic questions such as 'Why Visa?', 'What do you know about the company?', etc. I was asked to describe myself a bit, and a few questions involved putting me in specific scenarios and asking me how I would handle them. This too, was relaxed.

Overall, I suggest you try to be as honest but at the same time diplomatic as possible. Also, be courteous and don't be afraid to ask questions. While thinking over a problem, be vocal about your thought process because that's what they want to see. Don't try to lie your way out; if you don't know something say it. Make sure you can explain everything on your Resume. Try keeping that ego, if any, down.

### Preparation Material

You really won't need my help on this. Innumerable resources on the internet, pick what suits you best (GeeksForGeeks is NOT your Bible). The primary objective of courses like 'Data Structures & Algorithms' is not to equip you with an arsenal of fancy algorithms; there are just too many of them to cover in one course. The idea is to train you to think in a way that helps you develop those algorithms, and build a strong understanding of the same. It's okay if you can't implement some algorithm, it is NOT okay if you can implement it but you don't know it inside out.

### Experience

As I write this, it has been about a month with Visa. The experience has been good; great care is taken of the employees here (And since interns are treated as employees, great care is taken of interns too). Working hours are flexible, you can walk in and walk out 24/7 (Yes, including weekends and late nights), although most employees stay in office from about 8am to 5pm.

The workload will vary depending upon the project you have been assigned; I have worked extensively on automation and data bases so far. Not too much work, but enough to keep you occupied while you are in office. They also have a 'Visa University' portal from where you can learn just about anything you want, from technology to graphic design to marketing to photography.

# VMware

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## Software

### Sai Teja

*IT - 7.8*

#### Selection Procedure

Online test, Skype interview, telephonic HR round

#### Interview Tips

Just be thorough with the concepts of operating systems as far as this company is concerned. Need to be good at solving small C programs.

#### Preparation Material

Online

#### Experience

It is very nice, challenging environment, a great work culture. Overall probably one of the best places to work at.

## Padmaja V Bhagwat

*IT - 8.12*

### Selection Procedure

3 rounds of selection procedure. 1st being online test, 2nd technical interview (for about an hour) , 3rd telephonic interview with the manager (15-20 mins). After these 3 rounds 2 interns were shortlisted.

### Interview Tips

Good knowledge of operating systems helps a lot. Technical interview mostly contains coding questions on linked lists and questions on Pthreads (some on database systems as well) . Be thorough with the projects that you've done, because discussion with the manager is mostly about your projects and your approach towards using particular methodology. 3rd round is easiest among all.

### Preparation Material

GeeksforGeeks.

### Experience

Work culture of VMware is too good. Flexible working hours. Projects are mostly assigned based on the individual's interest, so you'll enjoy working at VMware.

# Wooqer

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## Software

### Aiswarya Garlapati

CSE - 7.45

#### Selection Procedure

There was an online round consisting of about 45 questions. Half of them were C aptitude, and half were quantitative aptitude. The duration was 90 minutes. About 17 people were qualified. We then had a paper pen coding round. Two questions, one was based on arrays, and one on trees. They checked our logic manually and based on the kind of code you wrote, they would select you for the next round. Attempting the question is important. I wasn't able to figure out the logic for the trees question, but wrote what I thought was correct. 8 people were selected for the next round. There was a GD, non technical. Then there was a 45 minute tech interview. Questions based on DSA, logical puzzles and questions related to your project. A HR interview after that.

#### Interview Tips

Practice coding. GeeksforGeeks is the best bet. They have a huge repository of questions, some questions are bound to repeat. Also practice C aptitude questions on GeeksforGeeks. For quantitative aptitude refer to indiabix.com. Don't mention projects that you don't know about in your resume. They'll grill you based on that. Be calm, and confident.

#### Preparation Material

GeeksforGeeks, indiabix.com

#### Experience

It lasted from 11 am and went on till 11 in the night. It was gruelling, but you need to remain focussed. Don't worry if you get rejected for a few companies. It's all a part of the chase. Just don't give up midway. :)