

Company Name	Job Profile	Questions Asked	Name
AB Inbev	Supply chain analyst/associate manager	CV grilling, group discussions, work on your communication skills	Sparsh Bhardwaj
		First round was technical, took around 45 minutes and questions asked were mostly from my resume as it was mainly non-core. Some basic question related to some topics were asked like difference between Primary and Secondary key in SQL, basic difference between decentralized network and centralized (as I had mentioned DBMS and blockchain projects). Apart from this, they asked whether I have worked with AWS (I hadn't but worked with heroku), any cloud technology (I had worked with firebase). This round was taken by an Indian Lady, so communication was not an issue. Next round was a HR kind of round by a Japanese person who was technical head. Japanese can't speak and understand English that well, so it was important for me to spell each word distinctly and correctly. He was basically reading out basic HR questions from his laptop, like introduce yourself, tell your technical skills in 1 minute, major challenge after going to Japan, etc. The only technical question was what blockchain technology I worked with in my project. I said Ethereum, he asked any experience of hyperledger fabric, I replied I completed a project on ethereum in 1-2 month, so it should not be a problem to work with fabric. Lastly, another Japanese HR asked wrote my name on offer letter confirming my selection.	
Accenture Japan	Digital Technical Architect (Software)		Suraj Verma
Amazon	SDE	Bhot saare the, but mostly from GFG Amazon filter	
Amazon	SDE	Linked list,trees mainly.	

American Express	Analyst	<p>1.Be thorough with every project you have done and written in your CV</p> <p>2.Basic ML questions from your CV projects,SVM working decision tree working etc, about identifying the important features whether a feature is important or not etc...</p> <p>3.One small case study</p> <p>4.Puzzles(just look at all the puzzles in geeksforgeeks atleast once this is must for almost every company)</p>	
American Express	Management Trainee	Case Study, Market Entry Case Study, Things about the company, Grilling on CV, SQL, How would you handle this situation etc etc	Shambhavi Das
American Express	Management Trainee	<p>1. Stolen Credit card used for air ticket booking fraud. How to check if transaction which is being done is fraud. List down factors you would like to look at. Eg. Past transactions from that credit card, places that person have been to using that credit card, timing of the booking, timing of the trip, and any other factors you can think of.</p> <p>2. Puzzle - Your friend has sent you a post and the letter is packed in a box. Box is locked and you don't have the key. How will you open it? (Hint 1: Think out of the box) (Hint 2: you have a lock and key, not identical to the lock used in the box )</p> <p>3. puzzle - A coin is tossed 600 times. Head comes 400 times and Tail comes 200 times. Probability that next toss will be head. ( It will be half only)</p> <p>4. Explain one of your project. Not too much questions were asked from that.</p>	
Apple	Software developer	Implement frequency stack Find out equilibrium point in array in $O(1)$ space	Surya krishna
Axis bank	Product manager	Questions related to resume and interests.	Tushar Gupta

Axis Bank	Business Analyst	<p>My whole interview was based on my Resume:</p> <p>5-6 Hackathons- So all questions were from Hackathon and Machine Learning.</p> <ul style="list-style-type: none"> <li>-Feature Engineering</li> <li>-Model Selection</li> <li>-Metrics used</li> <li>-Difference between xgboost and gb</li> </ul> <p>Interview was of 15-20 minutes</p> <p>Few HR questions</p>	Sujay Kr Singh
Bajaj Finance	IT	<p>Started with tell me about yourself to which I directed them towards the work I did in my intern, which was in software development front-end techs. After that it was 1 hour discussion about my intern.</p>	Apeksha
Bajaj Finance limited	Data analytics	<p>It was mix of hr and technical interview. Started from introduce yourself and resume go through. All the technical questions were asked either from project or technical skills as most of the companies do. So prepare what you write in resume and prepare well they can ask anything related to that.</p>	Suresh Panwar
Bajaj Finserv	Analyst	<p>Q1. How to you do Image preprocessing and image cleaning for creating masks for RNN. What are erosion and dilation filters.</p> <p>Q2. What are knowledge graphs and how you implementation hetrogenous knowledge graphs. What platform you need for this and what coding language you prefer for coding knowledge graphs.</p> <p>After that some generic ML algos..like Knn and decision trees.</p> <p>After that some generic HR questions</p>	Parth Gautam

Bajaj Finserv	Analytics - Analyst	<p>Interview rounds - only one; No. of interviewers: 3 - HR, Analytics Head and a person from IT.</p> <ol style="list-style-type: none"> <li>1. Tell me about yourself</li> <li>2. Resume based questions - internship mainly.</li> <li>3. The discussion then turned towards what sort of role I would fit into rather than me deserving it or not as if they planned to extend me offer regardless of my interview performance.</li> </ol> <p>Tip for Bajaj Finserv: The company is trying to expand at a rapid rate - nearly 4 times of their current market share (Was told in PPT not a made up no.) - do prepare your resume thoroughly if you think you are a good fit for analytics/Data Science/ IT roles.</p> <p>General Tips:</p> <ol style="list-style-type: none"> <li>1. Do practice your HR part as it is very important. Practice and discuss with your friends to find about your strengths and weaknesses. You will get to analyze yourself from your friends' point of views and it will broaden your perspective of yourself.</li> <li>2. If you are a nervous wreck like me and tend to get blank as soon as you enter the room, don't panic. Just make sure to breath while speaking in interviews and speak slowly but loudly. This helped me a lot to ease into the process and overcome my nervousness.</li> <li>3. Start preparing early don't wait till the end - I regret not doing so.</li> <li>4. Practice business cases (atleast 3 each of profitability and market entry), guestimates, puzzles and situation based questions(ex: how will you detect whether a certain transaction is fraud or legal - think of all parameters and discuss in brief with the interviewer like: Amount, Habits(history of transactions), Location(whether the person had access to payment methods while the transaction took place) etc.)</li> </ol> <p>BEST OF LUCK!!</p>	Prashast Jaipurkar
---------------	---------------------	--	--------------------

Barclays	Graduate analyst	<p>First round F2F - I was given a situation that there is a bug in a smartwatch payment system . He asked me how should I approach it. He later on put further conditions and asked me what would i do next. (It was a non-tech round) He wanted to see the way we would approach a problem in a company.</p> <p>Second round F2F - He asked basic questions from Os, networks, data structures, and how to sort an array explain by any method.</p>	Himanshu Ranjan
BCG	Management Consulting	<p>ATK: R1: roofing company wants to increase it's revenues R2: why consulting and not engineering, why don't you have a clear long term goal</p> <p>BCG: R1: Devise metrics and analyse the performance of a call center R2: tractor company want to increase revenues and market share R3: pipe company has been facing a decline in their profits</p>	Akshata Dalvi
Bidgely	SDE	<p>Find height of a binary tree Find median of stream of numbers Find sum of last k nodes in linked list Find diameter of a tree</p>	Surya krishna
Blackrock	FMA	<p>ARIMA model NPAs and IBC-2016 Resume based other information Why are you the best fit for this company? Relationship between Housing price index and Credit risk in Mortgage backed security Puzzles Basic Finance HR questions</p>	Nazneen Mansoori

Cleartax	Business analyst	1. GDP definition (options were given) 2. A guestimate 3. Explain your Projects from basics 4. Explain what you did in your internship and how you did it? ( If some datas were used, what were the variables, what did you do to reach conclusion like whatever the business model you have proposed)	Surbhi
Cleartax	Business analyst	Guestimate- number of flipkart orders in your city. Take a product as a order.	
COHESITY	SDE (MTS)	LCA of 2 nodes Topological Sort framed in a different manner Snake and Ladder Problem OS- Virtual Memory,malloc implementation CN- TCP UDP difference, etc. One question using minheap and hashmap	Udit Agrawal
Cohesity	Research Engineer	Round 1: 1. Given n and k, print all permutations of 1 to n such that in each permutation, length of longest increasing subsequence is k. Round 2: 1. Find median of running stream efficiently. 2. Implement Malloc and free, from designer framework.	Sahil Dhull
Deloitte	Business Technology Analyst	Test: Apptitude + 2 Coding question (which i think didn't matter) Interview: 2 Rounds both were focused on Resume.	Naman Jain
Dgraph Labs	Distributed System Engineer	Focus mostly on systems concepts(parallel programming,deadlock, seamaphores),projects and Thesis.coding question related to graphs.	Jatin Dev
Dunzo	SDE Intern	Design A stack such that maximum frequency element always comes on top. Print all paths in a directed graph with zero indegree and zero outdegree.	Suyash kumar
Eaton	Member of Technical Staff	Hydraulics Projects	

Embibe	SDE	Find highest and second highest number from an array. Find reverse of a string. Given a sum, find number of pairs in the array with that given sum.	Ayush
EXL Analytics	Consultant I	1. Resume based DS algorithm question and a real life implementation case of the algorithm in an organization. 2. Puzzles 3. Guesstimate 4. Why analytics?	
EXL services	Consultant	Round 1 1. What are features of good data? 2. Guesstimate: No. of diapers used per year in India 3. Case study: You are making a dashboard for IPL management team, what important features will you keep on it? Other questions were asked on one of my projects. Some general HR questions too.  Round 2 1. What do you know about EXL? 2. Guesstimate: No. of bisleri bottles in the hostel right now (where the placement process was taking place) 3. Case study: Why a hotel indeed being good, does not appears in top 10 searches in Makemytrip ? 4. What do you hate about your college? Project related questions  Round 3 1. What is analytics? 2. $4^x + 6^x = 9^x$ solution 3. prove that all the prime no. are in form of $6k+1/6k-1$ 4. Case study: Whether to launch a new chocolate or not? 5. Any questions for us? Project related questions	Abhinav Tiwari
Flipkart	SDE	Topological sorting	Sir krishna

Fluor	Graduate Engineer trainee	Basic transducer questions on temperature, flow meter. Comparison between them. PID controller and how to implement it electronically (done intern on this topic that's why they asked it), it's tuning method.	Abcd
Fractal Analytics	Analyst	<p>*Interview Questions*</p> <p>1. Most of them were CV based. Why did you use this algorithm? Difference between x and y algorithms? Working of the algorithm.</p> <p>2. PCA</p> <p>3. find uncommon characters in two strings.(pseudocode only)</p> <p>4. Recall, Precision, Accuracy</p> <p>5. A technical case problem- Given two types of car conditions after an accident, how to detect which car is repairable and which is not.( Computer Vision and DL based approach.) What pre-processing steps you will take?</p>	
Fractal Analytics	Imagineer	<p>Questions about internship</p> <p>ML concepts</p> <p>Puzzles from gfg</p>	-
Goldman Sachs	Analyst	<p>Top k elements</p> <p>Partition into equal sum subset</p> <p>Min sum subarray</p>	
Goldman Sachs	Analyst	<p>First they asked for my introduction and told me about their team and work.</p> <p>1) Find subarray with minimum sum.</p> <p>2) Given a binary tree, replace each node with its right subtree sum. (Need to replace with the original right tree sum).</p> <p>3) Write Inorder and Postorder traversal in one function.</p>	
Google	Software Developer	<p>Question based on DS and algorithms. 3 rounds of 45 minutes were taken which were Knock-out in nature.</p> <p>Round 1 had question on tree and dynamic programming.</p> <p>Round 2 discussed implementation of minesweeper. Round 3 had a complex question on sorting and nearly-sorted array.</p>	Chitrak Raj Gupta



Google	SDE	<p>Interview 1</p> <p>Q: Given following CFG:</p> <p>Exp: Integer   ( Op Exp* ) // one or more exp</p> <p>Op = '+' or '**'</p> <p>And a query string Q from above grammar, parse Q and return its value.</p> <p>Eg. Parse( "(+ 1 2)" ) = 3 Parse( "123" ) = 123 Parse( "(+ (* 1 2) (1) )" ) = 3 Parse( "(+ 12)" ) = 12</p> <p>(Create AST and traverse)</p> <p>Q. Follow up: Op can also be some operation \$, but computing \$ takes a lot of time. Compared to normal method (answer to above), how can we improve it? (threading, store values of \$)</p> <p>Interview 2</p> <p>Q. <a href="https://leetcode.com/discuss/interview-question/341818/Google-or-Onsite-or-Skip-Iterator">https://leetcode.com/discuss/interview-question/341818/Google-or-Onsite-or-Skip-Iterator</a></p> <p>Interview 3</p> <p>Q. Given an unsorted array, if we applied normal binary search on this array, how many of its values can be found? (recurse maintaining lowerbound and upperbound)</p> <p>Q. Given P processes, each containing N data elements. Find K largest elements across all P*N elements. N is really large so can't be stored in memory. <math>K \ll N</math>. (Maintain min-heap of size K, read elements one by one, complexity <math>O(PN \log(K))</math>)</p>	----
--------	-----	--	------

Google India	SDE	<p>Round 1- Count number of valid submatrices in a given matrix of booleans. Valid means, it consists of all zeros. Interviewer expected <math>O(n*m)</math> solution.</p> <p>Round 2- <a href="https://leetcode.com/problems/max-increase-to-keep-city-skyline/description/">https://leetcode.com/problems/max-increase-to-keep-city-skyline/description/</a> You have to tell the most optimized solution. I told an <math>n \log n</math> solution.</p> <p>Round 3- Given an array A of integers, find the minimum no of elements in 2 non overlapping subarrays in A such that both subarrays have sum equal to K. Find the most time and space optimized solution.</p> <p>In between they asked HR questions as well- How would you manage an unenthusiastic employee in your team. How do u manage multiple projects with same dealines and different teams to work on them. Etc</p>	Siddharth Jain
Harness	Software Developer	<p>1) regular expression match 2) implement spilitwise app algorithm, given all transactions, optimise it to delete all redundant transaction 3) variations of cycle in directed and in directed graph, 4) all methods to find cycle in linked list 5) count the number of nodes in cycle in linked list.</p>	Tathagat Chaurasiya
Harness	SDE	<p>array implementation question, Camera on trees for n-ary tree, another tree implementation question. Some other competitive questions. the questions were not standard gfg ones. The interviewer was just interested in logic and not writing the full code unlike most other companies.</p>	Kuldeep Vansadia

Honeywell	Software development engineer	<p>Three rounds</p> <p>Round 1. asked about various languages, then i told the languages such as c, cpp in which I was confident. Then asked about difference between c and cpp, then some questions on oops followed by simple coding question and writing a class for operator overloading.</p> <p>Round 2. it was a bit tougher but more of a discussion , logic and approach checking round. I told him I was comfortable with data structures and algorithms and oops. He gave me a very difficult question but i knew It was just to check my patience whether I say I can't do it or I build a solution by trying various data structures . Finally I gave him some solution but he was partially satisfied. Next he asked me about some highlighted points in my cv and discussed it followed by doubly linked list implementation of all data structure functions such as insertion, deletion and searching. Then a simple parenthesis balancing question. Then asked about my open source contribution but i didn't have any but i told that I have good points in leetcode and interviewbit so he was satisfied with that but suggested to have a bit profile. Then some hr questions. Overall it went pretty good.</p> <p>Round 3. typical hr questions. Tell me what you know about honeywell, so I told them as I had read about it on erp job description . Then strength weakness and the negative feedback you have got. I was well prepared for it so I didn't faced any difficulty. I would suggest always read about a company for which you are applying and for hr round preparation it doesn't take too much time. All it takes a good consultant friend of yours which groom you for this.</p> <p>All the best.</p>	Sachin singh rajput
-----------	-------------------------------	---	---------------------

HSBC	Analyst	Resume , Classification , Clustering , Puzzles	Karthik
HSBC	Analyst	1. Assumptions of OLS and what happens if any assumption is not held 2. Explain your projects thoroughly 3. What irritates you the most and how you deal with it?	
ICICI Bank	Management trainee (Analyst)	1. Walk me through your CV 2. Where do you see yourself in next 5years? 3. Do you think you can compete with outside world once you graduate from IIT? 4. Made me to write SQL queries (Joins to extract subset of data) 5. Questions on concepts of linear algebra (Determinants, Matrices) 6. Why icici bank?	N.sudheer
ICICI Bank, Mumbai	Management Trainee	Technical round: Mostly ML and uses of AI in banking sector HR round: CV walkthrough and projects in detail	Yatish Bansal
Indus Insight	Associate/Data Science	Two rounds: 1. Guesstimate - estimate the number of phone recharge done by paytm in a year and estimate the total number of cab being booked from Delhi airport in a month 2. Case study - a prepaid card system in which recharge is done using a voucher which can be bought from any store. Fraud is happening while recharging the card.	Aniket Roshan
Indus Insights	Associate	Guesstimate: Estimate the amount of shoe polish consumed in a city.  Case study: Simple calculations. Don't make calculation mistakes though. All you need to remember is Profit = Revenue - Cost  HR: Why Indus? Why Consulting? Why not MBA? Best moment of your life? Most embarrassing moment? Strengths & weakness? Expectations from Indus?	Karthick Sridar

		<p>1. Guesstimate Round - Amount of shoe polish consumed in a month in a metro. (Approach is more focused upon, rather than calculation, basically a lateral Thinking Test)</p> <p>2. Case Interview - On the slightly difficult side, unconventional cases from Case Interviews Cracked should suffice (I did poorly, but persevered with the interviewer so was called for a separate third round)</p> <p>3. Re-Interview (Case Interview) - Standard Profitability Case, confidence and self belief will get you through</p>	
Indus Insights	Consultancy - Associate		Ayush Kothifora
Innoplexus	Associate software engineer	There were 3 interview rounds, first two rounds were technical in which ask to write codes on given different data structure topic, and then to explain it, and would ask questions about your project and intern and other stuff in your cv, and final round was hr round that was basic behavioral questions..	Shomedeep Mondal
Invento Robotics	Design Engineer	Basic question about tolerances Difference between a start-up and an established company Questions about operations	Ankit Minesh Shah
Jaguar land rover	Software	1. Basic sorting 2. DFS, BFS. 3. Projects 4. Linked list	
		Most of the interview was based on my last summer Internship in Machine Learning and there was just one programming question  Q1. How would you store strings data so as to allow $O(n)$ or $O(\log n)$ search time complexity? (Ans: Trie Data Structure) How would you implement it? (I had to explain how data is inserted and searched in Trie data structure) Q2. Puzzle: Minimum and maximum number of attempts required to take out at least two balls out of an urn having 10 Red balls and 15 Blue balls? (Ans: Minimum 2 and maximum 3)	
JP Morgan	Software		Ashutosh

JP Morgan and chase	Quantitative Researcher	Related to oops, expectation value, numerical methods and probability distribution.	Arnav Garg
JPMC	Quantitative Researcher	Basic expectation and Markov chain Eigen values, eigen vectors Oops Memory allocation of vector Puzzles Must do- 50 challenging problems in probability	Sakshi
Kotak Securities	IT + product	1. Basic python stuffs ?? 2. regress questions in resume ?? 3. why finance not civil ?? 4. why kotak specifically ??	Akash Sharma
L&T Infotech	Infrastructure Consultant	Questions were based on projects which I have mentioned in resume. Basically they will teach you about the cloud technology. So, they aren't expecting you to know much about it. They were judging upon the capability to learn and basic knowledge about cloud computing would suffice for them.	Rishab Katiyar
MasterCard	Associate analyst	Questions were mainly related to my resume and basics of machine learning, signal processing, methods of dimensionality reduction.	Awanish Kumar
Mastercard	Associate Analyst	Most of the questions revolved around topics from Machine Learning and Data Science, with focus towards fundamental concepts, scenarios over tools and packages. Moreover, a few questions on deep learning (Convolutional Neural Networks) were asked owing to my projects. The interviewer also asked how I can use my skill-set to help Mastercard increase its business opportunities. Finally some basis Algo/DS questions were asked to access my python coding abilities.	Smarajit Paul Choudhury
MasterCard	Data Engineer	1. Guesstimate the people who drink coffee in kanpur. 2. Resume based	Sanket Katore

MasterCard	AI	1. Find the index of smallest number in rotated sorted array. 2. Explain PCA. 3. write bellman backup equation 4. What is SVD. 5. Find anagrams of all substring of A string in a dictionary. 6. Discussion on CV and focused on AI/ML projects. HR- 1. Why your CGPA low. 2. 3 strength and 3 weakness. 3. Why should we hire you. 4. What do you know about company	Ayush Verma
MasterCard	AI	1. Resume walkthrough. 2. What is CNN? What do you mean by Convolution? 3. Linear vs Logistic Regression. 4. What are L1 and L2 regularisation? When are they used? 5. What is SVM? What are kernels? 6. Backprop algorithm. A simple question based on weights updation using Backprop. 7. What are optimizers? Discussion about ReLU. Why are people using leaky ReLU now? 8. One vs One classifier VS One vs All classifier. 9. What are Markov Decision Processes? 10. A simple coding question based on Binary search.	Shantanu
Mavenir Systems	MTS	project, c program for string reversal, searching and sorting algorithms, puzzles, time and space complexity, data structures- arrays, stacks, linked lists.	Abhishek Raj
Mavenir Systems	SDE	Bubble sort. Reverse the linked list. Can you do binary search in a linked list? Advantages of height-balanced binary search tree. What will happen if you make a constructor private? What if I instantiate an object within than class, will constructor get invoked? Basic OOP questions	Sajid Ali

Maviner	Communication software engineer	C++ (basic oops concepts, memory allocation , heap stack and all)and in communication they ask mainly on OFDM , QAM and digital communication	Rahul
Maxlinear Technology	SENIOR ENGINEER	Totally based on synchronous buck like designing cap for load transient. Controller design.	JAIN SIDDHARTH SUNIL
McKinsey	Analyst	1. What do you do when your teammates do not agree with your point? Explain any situation you have dealt with. Suggestion- Do not ever tell that you can shut people and get work done. Discuss how you convince people by showing how you are right. 2. Explain your projects thoroughly. They get to smaller points and ask questions from them. If you have done projects based on data, remember from where you obtained data, what models did you use and explain results?	
Media.net (Directi)	SDE	Coding round: same as in the placement doc. Interview: 1. How threading is still helpfull in a single core processor? 2. Rank (dependent on present score of player) changes continuously. What data structure shall be used (set which self balanced bst) now how to rank a particular player in less than $O(n)$ ( could be done by saving size of left & right subtrees in the node itself).	MD. Zatin Meraz



		<p>Coding Questions:</p> <ol style="list-style-type: none"> <li>1. Huffman coding.</li> <li>2. Finding whether the number is power of 2 or not.</li> <li>3. Given an array and sum. We have to find the total number of sub arrays and the sub-arrays which are having the sum equal to the given sum.</li> <li>4. Give a linked list, we have to erase the data of given address without deleting it and later copy all the subsequent nodes data.</li> <li>5. Reverse a linked list.</li> <li>6. Asked me about how image pixels are stored and later asked me to write the code for interchanging rows and column data.</li> </ol> <p>Digital Questions:</p> <p>Timing analysis (set-up time, hold time).</p> <p>Analytical Questions:</p> <ol style="list-style-type: none"> <li>1. They asked me that A4 sheet has 4 corners, how can you make it to 3 corners.</li> <li>2. In continuation to the above question they asked me can you make a paper having 99 corners to 98 corners.</li> <li>3. Wizard Cap problem.</li> <li>4. 2 Egg's dropping.</li> <li>5. Bee coverage between 2 trains in tunnel.</li> <li>6. Spider web problem.</li> </ol>	
Mentor Graphics	Member Technical Staff		Kommu Akash
mi 6	detective	what do you like to drink	bond... james bond

Microsoft	Data Scientist	<p>Round 1: Based on resume</p> <p>Round 2: Based on resume</p> <p>Given a scenario build a chatbot</p> <p>Difference between binary search tree and balanced binary search tree</p> <p>Given two balanced binary search tree write a code so that resultant tree is also balanced binary search tree.</p> <p>Questions on Isosian game</p> <p>Questions on process and thread</p> <p>Round 3: HR round</p> <p>Give a solution to tackle tradeoff situation.</p> <p>What is the biggest challenges you have faced?</p> <p>Have you ever found a bug in some products?</p> <p>What is your area of interest?</p>	Divya
Microsoft		<p>1. Scheduling Algo</p> <p>2. Minimum number of platforms</p> <p>3. CV Projects</p> <p>4. Filter design, like instagram</p>	
Myntra	SDE	<p>All three round consist of only coding questions. They were on array, two pointers, dp standard like dice throw problem, topological sort . For all questions i had to write code on paper.</p>	Mohd Basit
NORTHERN TRUST	ANALYST	<p>TECHNICAL FROM RESUME, STATISTICS 2</p> <p>TECHNICAL ROUNDS 1 HR</p>	KAWALJEET KAUR

OLA	Software Developer	<p>Round 1 (technical) : Tell me something about your 1st project. Then he asked one question on tree. It seems easier on first go but he keeps on increasing the difficulty level by putting more constraints. I successfully solved the problem after which he asked me to write the code for that.</p> <p>Round 2 (technical) : he was more keen to know about my projects and how I did all those. It was a long discussion on my projects after which he started telling about different projects in ola. At last he asked me to write a code for snake and ladders game.</p> <p>Round 3 (HR) : it was a normal hr round which is same as always. Tell me something about your journey and things like that.</p> <p>Congratulations you are selected :D</p>	Priyanshu Kumar Sinha
-----	--------------------	--	-----------------------

Ola	Business analyst	<p>1. Situation - Ola auto is not profitable in Kanpur, so Company is thinking to withdraw ola auto service from Kanpur. People are actually cancelling their ride after booking it.</p> <p>Assume we have all the data. What are the factors you would like to check to find out reasons for ola auto failure in Kanpur?</p> <ul style="list-style-type: none"> <li>- waiting time</li> <li>- alternatives for customers after they cancel their ride</li> <li>- if they are switching to ola mini/ micro after cancelling ola auto</li> </ul> <p>2. So we have all types of advertising like facebook, instagram, twitter. On which platform should we invest to get maximum users. What are factors you would like to look at?</p> <p>3. Ola has started credit services that means you can pay bills every month and you don't need to pay after each ride. What are the factors you would like to look at for deciding credit limit for different users?</p> <p>4. Ola gives drivers bonus of 1000 rs each day if they finish 15 rides for the day. It has been seen that some drivers are faking their rides by making fake accounts (relatives or friends), how will you identify fake customers or driver who is misusing the incentive. List down the factors/ data you would look at.</p> <p>We have all data you may need.</p> <p>5. Three ways to calculate GDP of a country.</p> <p>6. What is F score? What is its significance?</p>	
-----	------------------	--	--

		<p>Round I :</p> <ol style="list-style-type: none"> <li>1. A lot on the CV projects and questions related to it</li> <li>2. The interviewer asked me to write an SQL query (The answer required a nested SQL)</li> <li>3. Write code for Bottom View of the Tree</li> </ol> <p>Round II (not HR):</p> <ol style="list-style-type: none"> <li>1. Why so low CG ?</li> <li>2. Why Ola ? (Told him, I am a fan of Bhavish Aggarwal)</li> <li>3. A lot of discussion on the Startup Ecosystem (This could be individual based)</li> </ol> <p>Round III (HR):</p> <p>She asked me if I had any questions. I asked a few standard ones and then I was offered the job.</p> <p><b>**I think my CV and projects played a major role in the interview. So, prepare the CV well and a little Algo &amp; DS and then you are set for the interview**</b></p>	
OLA (ANI Technologies)	SDE		Mahesh Medam
Oneplus	Software engineer	Os, dbms, networks basics in depth	-
		<p>Round 1:how to find loop in linkedlist?</p> <p>Prove that fast pointer and slow pointer will meet if there is a loop?</p> <p>What if fast pointer is moving with 3 step at a time instead of 2?</p> <p>Then about my CV in technical perspective.</p> <p>Round 2: from my CV , purpose of projects, some hr type question, some questions for to know what type of person I am.</p> <p>Round 3: HR questions and , how did you approached the screening round questions, CV</p> <p>Questions asked in every round: why your C.G is low? Why OnePlus?</p>	
OnePlus	SDE1		Jitendra Vishwakarma
Oppo	SDE	Questions on Linked lists and OOPS	Roshni
Oracle	SDE	Find inorder successor of binary search Swap two nodes in dll Puzzles(read top 20)	Surya Krishna

Oracle	TECHNICAL MEMBER (SERVER TECH)	<p>Round 1 -- CV related questions One puzzle ( switches and light bulb) TCP vs IP Stocks question ( simple DP )</p> <p>Round 2-- CV questions One system design question</p> <p>Round 3 -- One system design question Questions related to company and</p> <p>Round 4-- HR</p>	
Oracle	Application Engineer	Fundamentals of cpp such as Dangling pointer, memory leak, polymorphism, virtual functions and some basic data structure questions on sorting, searching algo and puzzles and questions based on sql and multi threading and standard HR questions.	Naman Gupta
ORACLE	TECHNICAL MEMBER (SERVER TECH)	OOPS concepts, ACID properties, LCA in binary tree and BST, Some questiones related to thesis	MANISHA KUMARI
Oracle	Project Intern Server Technology	Related to Data Structures and Algorithms	Himanshu Shukla
Oracle - ST	ST	<p>How to say if a tree is bst? Difference between c and c++ Minimum distance between two nodes Array jump in O(n) time Processes and threads in c++ program Effect of fork() in c++ program Static variable in main function (not outside main function)</p>	
OYO	SDE	<p>1. Given a linked list remove all the subarray having sum zero. 2. Given k sorted array merge it to a single sorted array. 3. What is process synchronization. Why context switch take place. Explain semaphore.</p>	

		<p>4 rounds interview ( 3 technical, 1 HR )</p> <p>1st round - introduction, projects, 1 coding question (print leaf nodes at max height), 1 probability question ( in a plane there are 100 seats, if 1st person sits on wrong seat than what's the probability the last person will sit on his correct seat), 1 puzzle ( devide a cake in 8 equal parts in 3 straight cuts)</p> <p>2nd round - 3 coding question, find kth permutation of a number, find sum of all elements of all subsets of an array, Find Excel column name from a given column number</p> <p>3rd round - what is semaphores, egg dropping puzzle, hash maps, explain projects, 2 or 3 coding questions (I dont remember exactly)</p> <p>4rth HR round - introduction, questions about family, what do you know about paytm, do you use paytm, where are you from etc. Then she said you are selected.</p> <p>They didn't care about CGPA (my cgpa was 7.55), gender, speaking skills, they just wanted you to explain your solution and projects.</p>	
PayTM	Software developer	Best of luck	Rohit verma (IIT BHU)
Paypal	Analyst	How Flipkart works during big billion days without server crashing	Surya krishna
PhonePe	SDE	<p>1. Find the kth largest element in the array which is formed by including all the pair-wise products of a given array.</p> <p>2. Find the only missing number in an array that contains an Arithmetic Progression sequence.</p> <p>3. Find the probability that a knight will remain in the chess board after k moves.( Leetcode problem)</p> <p>4. ICPC 2019 online round MOVING SEGMENTS</p>	Abhigyan Bharati

PhonePe	Software Dev	<p>1.) <a href="https://www.geeksforgeeks.org/find-first-non-repeating-character-stream-characters/">https://www.geeksforgeeks.org/find-first-non-repeating-character-stream-characters/</a></p> <p>2.) Count sort</p> <p>3.) Design a leaderboard with rank, score and name</p> <p>4.) Not very tough dp question.</p>	:)
PwC Diac	Business Associate	<p>Round 1: Estimate revenue generated by Starbucks in a day. Case on increasing attrition rate of contractor for a snack distributor.</p> <p>Round 2: HR : Why Consulting? Why PwC? Profitability Case: A restaurant is burning cash. Find reason &amp; give recos (Reason : sitting arrangement) Puzzle: Number of edges in a 4D structure(solve using analogy)</p>	Shivani Agrawal
PwC india	Associate Technology Consultant	Basic CV grilling and HR questions, 3 rounds namely technical, HR and partner.	Rahul Jangid
Qualcomm	Hardware Engineer	Digital logic, verilog, RC circuits, VLSI system Design	Shubham
Robert Bosch	Senior Engineer - Analytics	<p>1. Point-to-point resume walkthrough</p> <p>2. Basic questions of DA/ML (Bias, Variance, Accuracy, Precision, Recall, Linear Regression, Clustering, Decision Trees, SVM)</p>	Mukund Pammi
Robert Bosch	Embedded and Control System Engg	He asked me to design Electric Vehical i.e. What all circuit module will be there and their flow diagram. How would you design battery protection circuit, motor control unit, battery charging circuit etc.	Nayan Nitnaware
Robert Bosch	Senior Engineer	Diff. B/w microprocessor and microcontrollers. Type of communication in up. What is convolution. What is mean by ABS, hybrid vehicle. Diff. B/w electric and hybrid vehicle. Diff. Sensors used in automotive. All project mentioned in CV. What is SNR.. how to find out fourier transform of given signal.	Piyush



		<p>First round of technical questions, where a practical architectural design based question was shoot at me. Question was - You have to design a vocabulary dictionary where given an input word, return its synonym. If the word is not present in your local data, a request is made to cloud to update local data. You can use any data structure to store file or use RDBMS etc. Next question was to vaguely describe to build a system like Google Map. Next one was to describe all technical components used in a vending machine. In next round, more ds based questions were asked - given a binary tree, add another field to the structure of node and update the BT to contain next pointer, i.e., root's next is null and at each level, next of node points to next element in level order traversal, rightmost node's next should point null. Next one was to design a data structure, where k last played songs are stored in cache, update and getting ith value (<math>i \leq k</math>) must be in <math>O(1)</math> time. (Hint - use linked list + maps). Last round was HR like and basic HR questions were asked. Each interviewer was very supportive. They understood my problem with communication in English and even offered me to talk in Hindi to explain technical answers. But they were also impressed by my way of dealing technical questions.</p>	
Salesforces	Associate Member of Technical Staff		Suraj Verma
Samsung Bangalore	Software Engineer	Wormhole question	Arpit kaushik
		Join two linked lists after each node Reverse the string using recursion Puzzles	
Samsung Delhi	Software Engineer		Surya krishna
		Projects in CV (ML and signal processing related project in detail), OSI model questions (Network layer and data link layer), Machine learning question on bayesian classifier, Most of the question were asked from CV or related stuff in the CV.	
Samsung Bangalore	Research/Software Developer		Deepankar Chaudhary

Shadowfax	Sde	Find the first merged node in a linked list formed by two linked list(Y shape). Find total number of hill and valley formed by an array	Saurav Khandelwal
Sigmoid analytics	Software engineer	Normal coding questions. Dbms joins. OOP concepts.	Sudhanshu Shekhar
		1st round- Data Structures and Algorithms, mostly from trees and hashing, and some simple questions from project and intern  2nd round-Deep discussion on project&intern and questions related to projects and some HR questions  3rd round- HR they were expecting to tell things which you haven't mentioned on the resume. Also asked me to give some startup idea.	
Societe Generale	Software Engineer		Prakarsh Saxena
Société Generale	Software Developer	1. Rabbit goes from 0,0 to n-1, n-1 collecting carrots 2. Multiply matrix of linked list with itself 3. Linked list implementation and QuickSort	Nikhil Yadav
SOU Japan	Software Engineer, Machine Learning	Mostly HR, Resume, internship and Projects	Mufaddal Bhanpurawala
Sprinklr	Data Science	Stock buy and sell(All variations) , Running Stream median, Mathematics involved in ML algorithms	Shubham
Sprinklr	Data Scientist	1. Walk through of CV 2. Special focus on projects related to NLP and Vision. Deep cross-questioning on the project. 3. Since I am from Ocean Engineering Dept. Mandatory question on whatvis Ocean Engineering and why not core. 4. Reversing a singly linked list inplace.	Ojas Agarwal

Standard Chartered	Development Engineer	<p>Apart from coding and knowledge-based question, there are few others mention below:-</p> <ul style="list-style-type: none"> <li>Experience at IITK.</li> <li>-One thing/experience in the past you feel great/happy about.</li> <li>-One thing/experience in the past you thought as the worst thing happened in the past.</li> <li>-Why should I hire you?</li> <li>-What are your goals in the future? (always separate near future/short term and long term goals with reasons)</li> <li>-----following are HR question-----</li> <li>-Experience of the previous 2 interviews.</li> <li>-Strength, and Weakness.</li> <li>-What do you expect the work you will get at the Standard Chartered. How much coding and non-coding work you expect (give the percentage to both).</li> </ul>	Amardeep Saini
--------------------	----------------------	--	----------------

SYNOPSISYS	Hardware	<p>Round 1:</p> <ol style="list-style-type: none"> <li>1) Explain about projects?</li> <li>2) Asked me to write verilog code for a project I had done. Later changed it to verilog code for a n-bit counter.</li> <li>3) STA - conceptual questions on setup and hold time.</li> <li>4) Glitches - Explain glitch through a circuit diagram. How it can affect sequential circuits.</li> <li>5) Data structures - Detailed discussion on linked list, queue and stacks. Questions like how to find loop in a doubly linked list, how to find middle element of a linked list in single traversal.</li> <li>6) Basic Algorithms - Asked me to explain any sorting algorithm. Asked questions on its time complexity. Details about implementation. Framed questions related to sorting. Then asked me to improve performance on those questions.</li> <li>7) Puzzle - 50 red and 50 black balls and 2 jar. Arrange them to maximize probability of picking black/red ball.</li> </ol> <p>Round 2:</p> <ol style="list-style-type: none"> <li>1) Gave a pseudocode and asked me to explain it. Then asked for digital circuit implementation of the code.</li> <li>2) Difference between latch and flip flop.</li> <li>3) Basic programming question - how to traverse a matrix spirally.</li> <li>4) Puzzle about round table sitting arrangement.</li> </ol>	NITIN
TCG	Consultant	<p>Online Test (25 Quant MCQ, 5 Coding MCQ) (25 minutes duration)</p> <p>Written Test (1 Case study + 1 essay) (15 minutes duration)</p> <p>Interview: Case Study + CV (30-45 minutes)</p>	Sandeep Kumar

Tcg digital	Product developer	<p>Paper pattern- Quant and English(online), Written exam (one coding problem approach and one essay question )</p> <ol style="list-style-type: none"> <li>1. About the project done, during the internships.</li> <li>2. General HR questions like- what things do you like/don't about the company. Tell me about yourself,</li> <li>3. Deep learning, Oops concept, data structure and algorithms theoretical questions.</li> <li>4. Sql and some general questions about frontend and backend.</li> </ol>	Kamal kant nawal
Testbook	Associate product manager	<ol style="list-style-type: none"> <li>1) What did you do in your years in college</li> <li>2) Why is your CPI low</li> <li>3) Why are you in your 5th year</li> <li>4) How many aeroplanes are flying above you right now?</li> <li>5) How many tide packets are sold in India in a day?</li> <li>6) How many cars are there in Guwahati?</li> <li>7) What's your favourite App in your phone?</li> <li>8) What features will you add/modify to improve it?</li> <li>9) Name atleast one feature you want to remove</li> <li>10) You lost users in your app, what is your strategy to fix this issue?</li> <li>11) What is your thought process when coming up with a product?</li> <li>12) Explain your projects</li> <li>13) If you have good design skills, why not choose design?</li> <li>14) Probability : What is the probability of second die having a higher value?</li> <li>15) Have you visited our website or app?What are your views on it?</li> <li>16) If you have to recreate testbook with an entirely new concept/idea what would you do?</li> <li>17) Your strengths and weaknesses?</li> <li>18) Most important event in your life?</li> <li>19) Why us? Why you?</li> <li>20) Are you familiar with basic concepts of design and programming?</li> </ol>	Shrikar Reddy K

Texas instruments	Analog engineer	Basic r-l, r-c, gm-blocks	Adarsh menon
Toppr	SDE	<a href="https://www.geeksforgeeks.org/topper-interview-experience-on-campus-2019/">https://www.geeksforgeeks.org/topper-interview-experience-on-campus-2019/</a>	Aditya Suman
Udaan	Operations	Resume, What have you done in campus except PORs and internships? Puzzle 1- 5 men are in a lift on a ground floor, there are 3 floors in building, lift can only move upwards, in how many ways people can come out of the lift so that lift remains empty on reaching 3rd? Ans-3^5	Alok Birthare
Vmock	Product Analyst/Manager	Guesstimate: Estimate revenue of a movie theatre. Product features: What features would you include in smart coffee mug Product design: Create a system where u can feed your resume and it would prove your resume to be trustworthy. HR questions. Why product manager. tell me about yourself. difference between the work culture of startup and an established company.	Priyadarshini Agrawal
VMock	Product analyst	1. Make a trust resume system box which takes an input of a resume and gives output its trust level e.g. My approach was to compare its time interval of internships and projects to holidays and semester timing. And compare courses and models used in my projects 2. Guestimate - Total revenue of movie theatres in Kanpur in a week. 3. Choose an app. Tell its pros and cons in terms of user perspective. And what would you like to improve if you have the power? 4. Explain your internship, what you did and how you arrived at conclusion.	

VMWare	Member of Technical Staff	<p>3 interviews</p> <p>1st interview : What all happens when a URL is clicked on a browser. Application, transport and network layer was discussed. Then he went to ask about https...how security and encryption is done using it. Simple SQL queries involving joins were asked.</p> <p>One coding question : Merging two sorted arrays of size m,n <math>m &lt; n</math>, with m extra space.</p> <p>2nd interview was less technical : Few projects from the CV was discussed. Simple sql queries. Then he went on describing about the teams that they were hiring for, asked for my preference.</p> <p>3rd interview : HR interview Normal discussion. Asked me about the weather..lol. Few points from the CV were discussed.</p> <p>Result : Got hired</p>	
Walmart	Data Scientist	Some statistics questions... otherwise mostly from internship	Ishita Mahapatra
Wells Fargo	Software Engineer	<p>Round 1 --</p> <p>One system design question Questions related to your CV</p> <p>Round 2--</p> <p>CNN vs RNN ( CV related )</p> <p>Course related OS( muted sephamore)</p>	
Wells Fargo	IT	Given an Array Arr and and number n, find all pairs of numbers which sum upto given number n in $O(n)$	Gopalkrishna
Wipro	Project Engineer	<p>1. Some technical questions related to the projects mentioned in my CV</p> <p>2. Why should we hire you?</p> <p>3. Why do you want to join Wipro?</p> <p>4. Strength/Weaknesses</p> <p>5. What do you know about 5G?</p>	Shraddha Bhardwaj

ZestMoney	SDE	<p>1. Given an array of number of steps, tell how many minimum jumps are required to reach to the end of array from starting index of array.</p> <p>2. Given an array of 0s, 1s, 2s. Sort it without using sort stl. And solve in <math>O(n)</math>.</p> <p>3. Add 1 to the number represented by linked list. Return the resultant linked List.</p>	Sonu Yadav
ZestMoney	Software Developer	<p>Only coding questions like Inorder traversal(Recursive and Iterative both), Count unique BSTs , Sorting Algorithms in linked List. Puzzles and Some logical questions</p>	SAMAR KAMAL
Zestmoney	Software development engineer	<p>1 round: Data structures and algo question ...such as window sliding problem, inorder traversal using stack, maximum heap problem, bfs traversal, quick sort algo, detect a loop in linked list and coin change dp problem</p> <p>2 round : Basic general resume based question .. about projects and internship</p> <p>3 round : Basic hr types question ...about their company and why do you wanna join</p>	Aman jaiswal
Zestmoney	SDE	<p>Heap, time complexity of deleting or inserting an element or from where (means top or bottom) these operations will take place.</p>	Poonam Kumari
ZILINGO	SDE	<p>Longest common prefix (Trie), LRU Cache variation implementation, A lot of questions on trees, one standard stock market question, few easy dp questions. main focus on trees though</p>	Kuldeep Vansadia