DayToDay Health Interview Experience

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Round 1:Online Test(1 hour 30 min)

Platform:HackerEarth

➔ 19 MCQ(OS,DBMS,Java,SQL,Spring Boot,Data Structures)
➔ 2 Coding ques

Question 1:Longest common subarray

You are given with a two dimensional matrix with M rows where each row is filled with a permutation of natural numbers from 1 to N.You need to find the length of longest common subarray among all rows of matrix

Example1 :

M = 2, N = 3, Matrix: [[1, 2, 3], [3,2,1]]

Ans: 2

Question 2 : Car Race

Given N cars with their speed in the form of an array A, where indexes represent their position. All cars are participating in a race of infinite length and starts at the same time. A car which is standing at i position is considered to be ahead of the car which is standing at position j if and only if i>j. We need to find the total number of overtakes which happen during the race. An overtake occurs when car A, whose starting position is less then finishes the race earlier than car B.

Example

If A = [4, 1, 2, 5]. Then 2 overtakes will happen during the race. Car 1, will overtake Car

2 and Car 3 as speed of Car 1 is greater than speed of Car 2 and Car 3.

17 students were selected for next rounds.

Round 2:Technical Interview(35 min)

Platform:Google meet
- ➔ Interviewer introduced himself and then asked me to introduce myself
- ➔ Brief discussion about projects
- ➔ DSA ques
  Swap adjacent nodes in linked list
  input:1->2->3->4->5->null
  output:2->1->4->3->5->null
- ➔ Advantages of using linked list over arrays
- ➔ Difference between == and === in javascript
- ➔ ACIP properties
- ➔ Difference between delete and truncate
- ➔ Ques on OOPS like explain inheritance
- ➔ If given the option,which profile would you choose: frontend,backend or android developer or data engineer.

At the end, he asked if I had any questions, then I asked questions and the interview ended.

8 students were selected for the Cultural round.

Round 3:Cultural Round(30 min)

Platform:Google meet
- ➔ Interviewer introduced himself and then asked me to introduce myself
- ➔ Asked me about my last interview experience and the interviewer name
- ➔ Why you chose these projects

➔ What are the benefits of online learning over offline learning and vice-versa
➔ Asked my family background
➔ Asked my hobbies
➔ What type of work environment are you expecting from the company

At the end, he asked if I had any questions, then I asked questions.After that, he gave me good feedback and the interview ended.

All 8 students got selected for 6M Intern+FTE.

Tips:
➔ *Prepare your DSA section well*
➔ *Assume that you can be asked anything from your resume*
➔ *Prepare your projects well and keep brief knowledge of their working*
➔ *Be honest in the Cultural Round*