

b'

Microsoft Interview Experience (On-Campus Internship)

- Last Updated :17 Aug, 2021

We had Microsoft internship drive on campus for SDE and ML profiles. All rounds were online because of COVID.

Students who had 8 CGPA and above, were asked to apply on Microsoft careers website. We had a coding round for SDE and MCQ type questions for ML Profile.

Coding Round

We had 3 questions on Mettl Platform. We had access to C++, but no access to STL. So I coded all questions in Python

1. Length of LIS <https://www.geeksforgeeks.org/longest-increasing-subsequence-dp-3>

2. Given a set of n points, find the minimum distance of all pairs of points.

Greedy solution expected

3. Given an array of n elements, find the mean, median and mode of the array.

I was able to pass all test cases in all questions. Based on the coding and ML round and resumes, we were selected for SDE/ML/Both roles. I got selected for SDE interview.

Round 1:

I was asked resume based questions (my experience working as a Research Assistant in 2019) and one coding question.

It was a variation of <https://www.geeksforgeeks.org/boundary-traversal-of-binary-tree/>, to print only alternate nodes.

Round 2:

I was asked about the current Research Assistant-ship I was doing, my past internship with a startup. I was asked some Search Engine related questions. I had one coding question, with an in-depth discussion

<https://www.geeksforgeeks.org/minimum-number-of-squares-whose-sum-equals-to-given-number-n/>

Round 3:

I was asked about the projects I was proud of, where I see myself in 5 years.

I had one coding question, we discussed <https://www.geeksforgeeks.org/search-in-a-row-wise-and-column-wise-sorted-2d-array-using-divide-and-conquer-algorithm/>

All the interviewers were very friendly and were patient in listening to what I wanted to say.

By the end of the day, I was offered the internship, along with others.

Thank you GFG, I was able to go through the internship experiences of others, which helped me a

lot ! Not to mention all the times, I looked up GFG for Data Structure and Algo related queries

My Personal Notes\arrow_drop_up

Add your personal notes here

Save

,