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Microsoft Internship Interview Experience

- Difficulty Level :\nEasy
- Last Updated :\n10 Aug, 2020

I got a chance to appear for the Microsoft internship program. It was an amazing experience. I think it may help to others so I\xe2\x80\x99m going to share it with you. \xc2\xa0

First round: Online\xc2\xa0

First-round was online round on mettle. There were three coding questions. If you have completed all three questions then the possibility of getting an email for the next round is more than 80%. Luckily, I was one of them who get the next round mail. I also solved all three questions.\xc2\xa0

First question: Convert uppercase letter to lowercase letter. This question was a cakewalk for you even if you are a beginner in programming. So one line of code can get you 100 points. You can refer below link which is a similar kind of problem on Leetcode.

https://leetcode.com/problems/to-lower-case/

Second question: I don\xe2\x80\x99t remember the exact question but it was something like find continuous element whose some is max. It can be solved by the sliding window.\xc2\xa0

Third question: This question was interesting as I also at the intermediate level at that time I find it too interesting. But anyway I solved that question. \xc2\xa0Question is that you are given a graph G .and all node of the graph are representing a person an edge representing a friendship between that two-person, \xc2\xa0Now your task is to find minimin disjoint group such that no any person has its friend in another group, means we need to make one group of all the friends and friends of that friend(mutual friend). \xc2\xa0

Here is a link which is not exact but similar kind of question on Leetcode
https://leetcode.com/problems/friend-circles/

Second round: Online interview on Microsoft team

If you are in top performer in the first round then you will get mail after 15 days of the first round, with details of Microsoft team link and date and time to join it. I also get a link and all the other details. My interview was started at 10:00 am. The first interviewer ask me the question \xe2\x80\x9cTell me about your self\xe2\x80\x9d.\xc2\xa0

I replied with my current educational status and hobby and academics details with coding as a priority. Then next he asked me about my project. I replied with some details as he wanted to know only the technology in which I developed my project. Next, he told me that let\xe2\x80\x99s jump to the coding question.\xc2\xa0

Question is the same as in below link: https://leetcode.com/problems/number-of-islands/

The same question was given to me on whiteboard means he gave me a link to write code on that website. \xc2\xa0I gave my first approach with simple if-else but then I found some mistake in it so I told it to the recruiter and then give a solution with bfs. My interview long last for 45 minutes.

And then, at last, he asked me that do you have any questions? at that time I asked some common questions.\xc2\xa0

After second-round I got eliminated but some of able to clear it and the next round is an onsite interview with 2 face to face and one HR round. In all the round, they just ask a coding related stuff only.

So keep coding. Thank you!\xc2\xa0

My Personal Notes\n*arrow_drop_up*

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