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Amazon Interview Experience | On-Campus Internship

- Difficulty Level : [Easy](#)
- Last Updated : 21 Nov, 2019

Amazon visited our campus(Sathyabama University) to recruit interns. I'm sharing my internship's interview experience.

Round 1: The round is online test conducted by mettl platform.

There were 28 mcqs, it covers c, c++, ds and algorithms.(switch case, printf, cout, recursion, trees, heaps, stacks)

2 coding questions

1.Maximum sum subarray

2.Find nth term in A.P

Round 2:

2 coding questions

1. search an element in rotated and sorted array.
2. find the vertical sum in binary tree.

Round 3:

This round was fully coding . Totally he gave me 3 questions in that I have solved 2. Interviewer was very friendly. They will help if you have got stuck anywhere. My interview was almost 1 and half hour. He didn't checked my resume. They are expecting coding from us.

coding questions:

1.check if a binary tree is subtree of another tree

2.Given a String and a banned array. The task is to find the most frequent word in the string which is not present in banned array. (Not case sensitive)

string: If you think you can do it, you can do it

banned[]:{ you, can}

output: do (it also occurred two times but do occurred first)

I didn't solved this question.

Then he asked about joins.

Later he asked me to write use cases for

- 1.if youtube is not working in your mobile
- 2.use cases while entering the debit card numbers

And then he asked a coding question

Merge two sorted linked lists

My advice to prepare ds and algorithms. Finally, I got selected for Internship by god's grace.

Role-System Development Engineer.

My Personal Notes

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