

Amazon Campus Mentorship Series 2019 Experience

SUSHMITA YADAV, MCA 2020, DUCS

Amazon visited campus to select female candidates for ACMS program.

An online test was held.

1. 20 MCQ (Programming based)
2. Two programming questions
 - a. Find smallest palindrome in a string.
 - b. Find the non repeating element in an array.

Selection criteria - Top 10% scorers of the above test from Delhi region. (Igdtu, ymca, ducs, etc)

As a part of ACMS, 4 sessions were held followed by project presentation, online test and interview for SDE intern role.

Session 1

- Individual introductions.
- Introduction to amazon principles.
- Some insight into what is expected of an employee.
- Few technical sessions.
(All the above sessions were taken by Amazon employees.)
- EOD : We were divided in groups of 4/5 members. All members were from the same college. Mentors were assigned to every team. The goal of a team was to work upon a problem statement(assigned same day) for the course of 4 to 6 months.
- Mentors had discussion with the team and they shared their work plan.
(Try to clarify as many doubts in this discussion regarding project or beyond project as it's slightly difficult to maintain communication with mentors via email.)

Session 2

- Entire day was dedicated to corporate ethics.
- We were divided into random teams to play different types of games.
Key focus for this day was the importance of First impression, Hand shakes, Body language, Negotiation, Formal language.
- A session of an hour or so was reserved for a meet up with the mentors.

Session 3 & 4

Technical sessions

- Web development
- Data structures
- Programming
- Machine learning
- Git
- Interview expectations and approaches
- Cloud computing etc
- EOD: Meetup with mentor

ROUND I : Presentation + Online Test

Every team had to present the entire project work to a new panel.

Presentation time: 45 minutes per team

An online test was held the same day.

8 debugging questions(20 min)

25 aptitude questions(40 min)

2 programming questions(90 min)

Few candidates were shortlisted based on online test and presentation for the next round.

ROUND II : Personal Interview

Generally one technical round.

2 programming questions(linked list, trees, arrays, DP, stack, queues) + OS concepts

Might take additional round in some cases.

My interview started off with my introduction. I talked about the projects that I had mentioned in my CV.

I was asked to solve the following problems:

1. Find square root of a number upto 2 decimal places. (solution based on binary search)
2. Convert a tree into a linked list. Linked list should contain the elements of the tree in level order. (use queue)

All the candidates clearing both the rounds were offered SDE intern role for 6 months.