Amazon Interview Experience for Intern+SDE-1 (On-Campus)

Difficulty Level :\nEasy

Last Updated :\n30 Nov, 2021

Round 1(Online Test): it was the first round with 4 sections.

- 1. Code Debugging test
- 2. 2 coding questions(70 min)
- 3. Personality Questions
- 4. Logical Reasoning

Round 2(Technical Interview 60 min): First, the interviewers introduced themselves and then asked to introduce myself. Then he asked about the projects I did. After an introductory discussion on projects, he gave me 3 coding questions on their personal live code environment.

He asked me to explain the approach first and then code it down. I had to explain the time complexity of each solution and optimal code if possible with lesser time complexity.

- 1. https://www.geeksforgeeks.org/find-maximum-number-can-formed-digits-number-reviewed/
- 2. https://www.geeksforgeeks.org/find-the-maximum-element-in-an-array-which-is-first-increasing-and-then-decreasing/
- 3. https://www.geeksforgeeks.org/find-maximum-path-sum-in-a-binary-tree/

Round 3(Technical Interview 120 min): Similar to the first round there was a brief introduction from both sides. This round was coding plus the kind of HR. After 2 coding questions, I was asked to describe a tough situation that I faced while completing any project of mine, what was my target, what I did to overcome it, and what was the end result.

- 1. https://www.geeksforgeeks.org/merge-k-sorted-linked-lists-set-2-using-min-heap/
- 2. https://www.geeksforgeeks.org/convert-normal-bst-balanced-bst/

Verdict: Selected

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