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Amazon 6M Internship Interview Experience | On-Campus 2021

- Difficulty Level :\nMedium
- Last Updated :\n14 Dec, 2021

There was a total of 3 rounds of interviews. One online test and 2 technical interview rounds\xc2\xa0

Online Coding Round: \xc2\xa0

- 7 easy debugging questions related to algorithms to be done in 20 minutes.
- 2 coding questions with varying difficulty of medium to hard be solved in 70 minutes. I was given the following two problems:
- Least Number of Unique Integers after k-removals.
- \xc2\xa0A variation of Minimum cost to connect all cities.
- Questions based on behavior and work style. It takes about 20 minutes.
- 24 reasoning questions to be solved in 35 minutes.

Interview Round 1: The interview was conducted on the Amazon Chime Platform, and it took about 1hour 20mins. The interview started with a basic self-introduction and then the interviewer gave me 2 DSA problems to solve.

- https://www.geeksforgeeks.org/find-the-smallest-positive-number-missing-from-an-unsorted-array/
- Given a shell command to execute print what will be the directory path. [Hint: An easy stack-based implementation]
- I solved both questions and was selected for Round 2 (around 30 people out of 100 moved to round 2)**.**

Interview Round 2: The interview was conducted on the Amazon Chime Platform, and it took about 1hour. The interview started with a basic self-introduction and then the interviewer gave me 2 DSA problems to solve. After that I was asked questions from my resume, projects for about 5 minutes.

- https://www.geeksforgeeks.org/print-all-pairs-with-given-sum/
- \xc2\xa0https://www.geeksforgeeks.org/count-number-of-occurrences-or-frequency-in-a-sorted-array/
- I was able to solve both questions optimally, however, for the 2nd question the interviewer asked to implement the lower and upper bound functions from scratch. I was unable to implement them, unfortunately.

Finally, **16 people out of 30 from Round 2** were selected for 6M intern and I was unfortunately not among them.\xc2\xa0

[**Note:** They often ask to implement algorithms like Sort, Binary Search, Lower/Upper Bound from scratch so make sure you are thorough with all the implementation.]

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