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Amazon Interview Experience for SDE intern | On Campus (December 2019)

- Difficulty Level :\nMedium
- Last Updated :\n26 Apr, 2020

Position: SDE Intern
Location: Bangalore

Online Assessment:
The test was conducted on mettl platform.
It was divided into two parts:

1. First section consisted of gate level C, DS and algo based MCQ questions.
2.
      Second section consisted of two coding questions

- First question was based on Kadane\xe2\x80\x99s algorithm
- Second\xc2\xa0 question was a medium level logic based question

Interview: Out of 690 students only 57 were selected for the final interview process.

Round 1:

- Tell me about yourself
- **Trapping Rain Water:**
  https://www.geeksforgeeks.org/trapping-rain-water/
- **Maximum product:**
  https://www.geeksforgeeks.org/find-maximum-product-of-a-triplet-in-array/

Round 2:

- Tell me about yourself
- https://www.geeksforgeeks.org/sorted-linked-list-to-balanced-bst/
- https://www.geeksforgeeks.org/design-a-stack-that-supports-getmin-in-o1-time-and-o1-extra-space/

Note :
Areas to work upon while preparing for coding interviews:

- Understand the question properly asked by the interviewer
- Give various scenarios and the test cases and ask different questions in order to understand the question properly.
- Ask the right questions to clarify your doubts.
- Analyze the problem clearly and write various patterns on the paper
- Try to find brute force solution first.
- Then tell the optimised solution and try to tell the solution logically.
- Also check for the edge cases while thinking about your solution.
- NULL checks, overflows and also check test the boundary conditions
- Practice on pen and paper.

Pro tip:

Keep a smile on your face while giving an interview \xf0\x9f\x99\x82 All the best!!!

My Personal Notes\narrow_drop_up

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