

Amazon Interview Experience | SDE-1 (Off-Campus)

- Difficulty Level :[Hard](#)
- Last Updated : 06 Jan, 2020

Amazon Interview Experience for SDE 1 Off campus Drive Hyderabad Location. 2019 passed out.

Round 1:(Online Coding Round)

This is a Hackerearth test, it consist of 20 MCQ majorly form DS, OS, CN and OOPS and few output questions and 2 programming questions.

1. <https://leetcode.com/problems/reverse-string-ii/>
2. <https://leetcode.com/problems/course-schedule/>

Above round is of 90 min. After some day I received a mail from HR that I was shortlisted for onsite rounds.

Round 2:(Face to face interview)

In this round 2 questions were asked which I have to be answered in 70 min and also write code for them on paper.

1. First question was to reverse the link list with size of K.
<https://www.geeksforgeeks.org/reverse-a-list-in-groups-of-given-size/>

2. Given a array break the array into three sub-array by removing 2 elements of it, in such a way that all three sub-array have same sum. $O(n)$ Time Complexity and $O(1)$ space complexity.
 eg. $A \rightarrow [1, 1, 1, 4, 2, 1, 5, 3]$
 Output- $[1, 1, 1] [2, 1] [3]$
 here if we remove 4 and 5 we left with 3 sub-array with same sum.

Round 3:(Face to face interview)

In this also 2 questions were asked and also i have to write code for them on paper.

1. Given a string print the largest sub-string containing vowels in even counts. $O(n)$

\xc2\xa0

SOME TIPS:

1. In all rounds you will be asked to write a production level code so be prepared for that.[But In first two round of face to face if your code is not perfect in one go and interviewer found 1, 2 corner cases which may fail in it the you may got a chance to correct it, all depend on the interviewer not sure about 3rd round as in my case i was able to write perfectt code in one go]
2. In any round if you stuck, discuss it with interviewer as they definitely help you on that.
3. But in the last round i.e with BAR Raiser make sure to write complete code and moreover your code should be production ready i.e if he/she will able to find any case which fail in your code then there will be chance of rejection as he/she only read your code and said ok thats it for the day any questions for me and finished your interview, so make sure to write a perfect code before submitting to him.\xc2\xa0 \xc2\xa0 \xc2\xa0 [As one of my friend got rejected in Bar Raiser as he was not able to complete code]

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