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Amazon Interview Experience | Set 313 (For SDE II)

- Difficulty Level : \nHard
- Last Updated : \n17 Oct, 2019

1st Round(Written) \xe2\x80\x93 60 mins

It was a test on HackerEarth with two programming questions

1. [The Maximum Subarray problem](#): \xc2\xa0Given an array A of N elements, find maximum possible sum of
 - a. Contiguous Subarray
 - b. Non Contiguous Subarray
2. [Connected Cell in grid problem. Find the number of cells in largest region.](#)

2nd Round (DS and Algo) \xe2\x80\x93 45 min

1. [Palindrome Partitioning](#) \xe2\x80\x93 Spilt a string into minimum number of substring such that each substring is a pallindrome.
2. [Find the diameter of a binary tree](#)

General discussion on current role.

3rd Round (DS and Algo) \xe2\x80\x93 45 min

1. find difference in height of two nodes in a binary tree.

4th Round

Detailed Discussion on current role and responsibilities.

Discussed complete architecture of my current project- in terms of classes and methods, databases and cache used and then discussed improvements that i could suggest in architecture of my project.

5th Round

Discussion on current role and responsibilities. Discussed on architecture of my previous projects and technologies i have worked on.

Design question- Design a enhanced search that can help customer executives to search for the query asked by user through all the possible sections like- payment, order etc.

6th Round

Design a job scheduler.

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[All Practice Problems for Amazon !](#)

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