

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

- Difficulty Level : \nMedium
- Last Updated : \n17 Dec, 2021

There were a total of 4 rounds (1 Coding Test+3 Technical Interviews)

Round 1(Coding Test):\xc2\xa0

1. <https://practice.geeksforgeeks.org/problems/rotate-by-90-degree-1587115621/1>
2. An array is increasing and then decreasing find the point where it stops increasing.

Round 2(Technical Interview 1): The questions asked were:

1. Given an array and an integer K, find the maximum for each and every contiguous subarray of size k. <https://www.geeksforgeeks.org/sliding-window-maximum-maximum-of-all-subarrays-of-size-k/>
2. Given an array, print the Next Greater Element (NGE) for every element. The Next greater Element for an element x is the first greater element on the right side of x in the array. Elements for which no greater element exist, consider the next greater element as -1.
\xc2\xa0<https://www.geeksforgeeks.org/next-greater-element/>

Round 3(Technical Interview 2):

1. Given a binary tree, print it vertically: <https://www.geeksforgeeks.org/print-binary-tree-vertical-order-set-2/>
2. Convert a given Binary Tree to Doubly Linked List: <https://www.geeksforgeeks.org/in-place-convert-a-given-binary-tree-to-doubly-linked-list/>

Round 4(Technical + Managerial)

1. LRU Cache Implementation: <https://www.geeksforgeeks.org/lru-cache-implementation/>
2. Then they asked me questions from DBMS, Computer Networks, OS.
3. Then there were some basic Hr questions.

Verdict: Selected

Note- I prepared from Geeksforgeeks company-wise questions that part is a gem and Strivers SDE Sheet (<https://takeuforward.org/interviews/strivers-sde-sheet-top-coding-interview-problems/>)

I would say those who are preparing concentrate more and more on DSA that will help you to get through the interview.

My Personal Notes\narrow_drop_up

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