

Housing Interview Experience

Round 1 : (Online Assessment)

- Total 4 sections
- 3 sections - MCQ on Time complexity, DS, Algo, DBMS
- 1 section - 4 Coding questions
 - a. Given an integer n, return the nth Prime number.
 - b. Given an array of 0's and 1's, return the length of the longest subarray with an equal number of 0's and 1's.
 - c. Given the preorder and inorder traversal of a tree, return the postorder traversal of the tree.
 - d. Given an array of integers, return the sum of the maximum sum subarray with only positive integers (including 0).

Round 2 : (Technical Round 1)

- Began with the introduction of me and the interviewer.
- Asked about my favorite data structure.
- Asked a DSA question.

Statement - Given a binary tree with integers and a target number, return the number of subtrees after deleting the target (the number to be deleted can appear any number of times).
- Asked a puzzle -
<https://www.geeksforgeeks.org/puzzle-9-find-the-fastest-3-horses/>
- Any questions?

Round 3 : (Technical Round 2)

- Began with the introduction of me and the interviewer.
- Asked a DSA question.

Statement - Given a grid of size m x n with each cell having 3 possible integers :

 - 1: Represents an empty cell you can pass through
 - 2: Represents a wall
 - 3: Represents a target

Return the grid with each -1 updated to its nearest distance from the target and if no path exists to the target, update -1 to 0.
- Any questions?

Round 4 : (HR Round)

- Tell something about yourself that's not in the resume
- Why a job, not further studies?
- What do you like about the company?
- Which technologies did you like among the ones mentioned in the ppt?
- Who is the CEO of housing.com?
- Tell me about your family.
- Do you have any plans for further studies after some years in the industry?
- Any questions?

Tips :

- Be Confident.
- Even if you get unfamiliar questions, don't give up, keep calm and ask questions if you get stuck.
- Don't be quiet while coding, keep on explaining while you code.
- Consider all edge cases and dry run them before asking the interviewer to check.
- Keep a smile throughout.