

Microsoft IDC Interview Experience | Set 66 (On-Campus for Internship)

- Difficulty Level : \n[Medium](#)
- Last Updated : \n17 Aug, 2015

There were 4 rounds in all

First Round

There were total 15 MCQ questions based on c, c++ pointers java output and one was on resource allocation graph. This round was on cocubes

Second Round

Around 60 people were selected and there were two coding questions

1. In a given array find i & j such that $arr[j] > arr[i]$ and $j-i$ is maximum
 2. In a binary tree find product of all sum of values in a leaf node at same level
- This round was again on cocubes

Third Round

Around 35 people were selected two questions were asked

1. In a BST two node values are swapped . Restore original BST
 2. Given a sorted array find pairs such that their sum is closest to the given value
- This one was on pen paper

Fourth Round

Around 20 people were selected for it

There was a single question it was expected to write code on a paper

Given a number find next bigger number by permuting its digits

After i solved this interviewer asked me to modify my algorithm for negative numbers

Final Round

There were 15 people

Interviewer questioned every one personally

Here are the few questions

1. Given a stream of running characters you have to identify anagrams and store only unique strings in a file
2. Given inorder and preorder traversals construct BT
3. Link-list is given it contains red, blue and green balls only sort it in place

Then some general questions were asked. Interviewer asked us to ask him something about microsoft and what will be work etc.

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