b'

Amazon Interview | Set 83

- Difficulty Level :\nHard
- Last Updated :\n19 Jun, 2019

Written (50 Minutes)

- 20 aptitude and general cs objective questions
- Code: Find minimum # elements to be removed from int array so that max element is <= 2x of min element
- Code : For given array a of size n we create a set of a[i] , a[a[i]] , a[a[a[i]]] \xe2\x80\xa6.. i varies from 0 to n-1 , find the max size of such set.

Face to Face 1\xc2\xa0

- Design MP3 player which would play only unique songs in random order from given list of songs
- Code : Print left and right most elements at all levels of a binary tree.
- Max elements in sliding window of size k over int array of size n.\xc2\xa0

Face to Face 2

- Code : Find min element at given level in binary tree
- How would you combine lots of big sorted files residing on disk (file size >>> memory)\xc2\xa0
- What happens when you enter URL in browser.
- Design multiple stacks in a Single one big int array as efficient as possible (real world example multiple process function stacks creation and deletion in memory of linux os)

Face to Face 3\xc2\xa0

- Discussion on challenging work projects.
- Design in-memory file system.

Last round Telephonic

- Toughest work project\xc2\xa0experience.
- A robot standing at top left corner of a grid, it can only move in right or bottom direction , determine total number of possible paths are their to reach bottom right corner.
- Code : Prune binary tree so that only nodes which are part of K-Heavy path remains, K-Heavy path means total of all elements in a path from root to leaf is > K.

If you like GeeksforGeeks and would like to contribute, you can also write an article and mail your article to contribute@geeksforgeeks.org. See your article appearing on the GeeksforGeeks main page and help other Geeks.

All Practice Problems for Amazon !

My Personal Notes\n*arrow_drop_up*

Add your personal notes her

Save

'