b'

Amazon Interview Experience | Set 406 (Off-Campus Internship)

- Difficulty Level :\nMedium
- Last Updated :\n11 Jul, 2019

Round 1:
The first\xc2\xa0round consists 20 mcqs\xc2\xa0and 2 coding questions. The MCQ\xe2\x80\x99s are focused mainly on Operating systems, data structures and algorithm analysis and DBMS.

each question consists +1 and -0.25 for the wrong answer\xc2\xa0

Round 2:(TECHNICAL ROUND 1)
It started with the self introduction and brief chat about Vizag(interview held in Vizag). He is so friendly and encouraging

1. Rearrange nodes in the given linked list as follows

   ```
   input : a -> b -> c -> d -> e\r\n    output: a -> e -> b -> d -> c
   ```

   Solution: Rearrange a given linked list in-place.

2. Given an array of integers, print pairs(positive value and negative value of the number)\xc2\xa0 that exists in the array.

   ```
   \r\nInput : [1, -3, 2, 3, 6, -1]\r\nOutput : [-1,1] \r\n          [-3,3]\r\n
   ```

   Solution: GeeksforGeeks Link

this round happened for one hour

Round 3 (TECHNICAL ROUND 2):
This round started with discussion on projects and then questions on technical concepts like

1. deadlocks
2. mutex vs semaphores
3. ultithreading\xc2\xa0 vs multiprocessing
4. TCP protocol
5. DNS
6. 3-way handshake in TCP
7. discussion on OSI layer
8. ACID properties
9. models in DBMS(ER, network\xe2\x80\xa6.)
10. discussion on ER model

Then he started coding part :

1. Given row wise and column wise 2d matrix, find\xc2\xa0k minimum element.
2. Given an array and a window size and window moves from left to right till the rightmost side of window\xc2\xa0hits\xc2\xa0the other side of array, print\xc2\xa0max element in the window for each step in the process.
   Solution: GeeksforGeeks Link

If you like GeeksforGeeks and would like to contribute, you can also write an article using\xc2\xa0contribute.geeksforgeeks.org\xc2\xa0or mail your article to contribute@geeksforgeeks.org. See your article appearing on the GeeksforGeeks main page and help other Geeks.

Please write comments if you find anything incorrect, or you want to share more information about the topic discussed above.

My Personal Notes\n*arrow_drop_up*

Add your personal notes her

Save

'