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Qualcomm Interview Experience | Off-Campus

- Difficulty Level :\nBasic
- Last Updated :\n10 Sep, 2021

I have applied for a Job in\xc2\xa0 Qualcomm through its website.\xc2\xa0

Interview Process consists of 5 rounds consisting of 1 online hacker rank assessment, 3 technical rounds, 1 HR round.\xc2\xa0

Hacker Rank test has 30 Questions in which 10 are coding questions\xc2\xa0 related to arrays, strings, vector, map etc., and remaining are MCQ where we need to guess output based on a given code snippet.\xc2\xa0

After clearing assessment they called to hyderabad for technical discussion of 3 rounds.\xc2\xa0

Round 2:\xc2\xa0

1.Asked about\xc2\xa0 my current project work, technologies that I use.Why you want to leave your project.\xc2\xa0

2. What are memory leaks / crash how to overcome them.\xc2\xa0

3. Memory layout of a C program and storage classes\xc2\xa0 in C and scopes of variables.\xc2\xa0 https://www.geeksforgeeks.org/storage-classes-in-c/\xc2\xa0

4.Program on reversing linked list\xc2\xa0 https://practice.geeksforgeeks.org/problems/reverse-a-linked-list/1

5. CPU scheduling Algorithms and efficient algorithms for Real Time Operating systems.\xc2\xa0

6.Memory management Techniques, paging, page fault, segmentation, Translation look\xc2\xa0 aside buffer.\xc2\xa0

7.Structure padding. Why we use it ? Explain with example.\xc2\xa0https://www.geeksforgeeks.org/structure-member-alignment-padding-and-data-packing/\xc2\xa0

8. Implement a 2 dimensional array using pointers .\xc2\xa0

Round 3:\xc2\xa0
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1. ARM processor Architecture and its operation modes.
2. Implement your own memcpy ? What is the problem with memcpy. ? \xc2\xa0https://www.geeksforgeeks.org/write-memcpy/
3. Program to find middle element in less time complexity\xc2\xa0 https://www.geeksforgeeks.org/write-a-c-function-to-print-the-middle-of-the-linked-list/
4. How the C program compile. Explain all the phases ? \xc2\xa0https://www.geeksforgeeks.org/compiling-a-c-program-behind-the-scenes/
5. Stack Smashing and how does function calls store in stack .
6. Difference between Embedded System and Generic OS.
7. What is little Endian and Big Endian. How to check for it ? \xc2\xa0https://www.geeksforgeeks.org/little-and-big-endian-mystery/

Round 4:\xc2\xa0
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1. Difference between thread and process https://www.geeksforgeeks.org/difference-between-process-and-thread/
2. What is critical section, dead lock prevention techniques.
3. Priority inversion\xc2\xa0 and techniques to avoid it.
4. Modify a bit at given position in\xc2\xa0 for a number\xc2\xa0https://www.geeksforgeeks.org/modify-bit-given-position/
5. Implementation of BST\xc2\xa0 https://practice.geeksforgeeks.org/problems/insert-a-node-in-a-bst/1 https://practice.geeksforgeeks.org/problems/search-a-node-in-bst/1
6. Swap nibble in a byte.\xc2\xa0https://www.geeksforgeeks.org/swap-two-nibbles-byte/
7. IPC mechanisms, OOps Concepts, mutex, semaphores User level & Kernal level space.

Round 5:(HR)\xc2\xa0

1. why I want to change the company?\xc2\xa0
2. why I want to join Qualcomm?\xc2\xa0
3. She explained about the work culture and about qualcomm.\xc2\xa0
4. What are my strengths and weakness.
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My Personal Notes\n*arrow_drop_up*

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