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Qualcomm Interview Experience | Set 20 (On Campus \xe2\x80\x93 IIITD)

- Difficulty Level :\nHard
- Last Updated :\n24 Sep, 2021

Qualcomm process contains 4 or 5 rounds \xe2\x80\x93\xc2\xa0

1. Aptitude+Programming mcqs+Technical mcqs
2. Technical Interview I
3. Technical Interview II
4. Technical Interview III(may or may not be)
5. HR interview

Round \xe2\x80\x93 I\xc2\xa0\xc2\xa0

1. Aptitude Section: (30 min \xe2\x80\x93 20 questions / Negative marking)\xc2\xa0

- Work and wages -2 question
- 1 seating arrangement puzzle \xe2\x80\x93 4question
- 1 data interpretation \xe2\x80\x93 4 question
- Speed, time distance \xe2\x80\x93 2 question
- ratio and proportion \xe2\x80\x93 3 question
- other 5 are coding decoding, series etc type questions.

Note *\xe2\x80\x93 Questions are moderate, but time is very less. Be quick in this section!*\xc2\xa0

2. Programming and Technical: (30 min \xe2\x80\x93 20 questions, 30 min \xe2\x80\x93 20 questions / Negative marking)\xc2\xa0

- Pointers in c++ \xe2\x80\x93 Focus on precedence and associativity of operators(60%)
- Union and structure in c++
- worst fit, best fit which one is better?
- pseudo code for queue using two stacks
- NOP operation \xe2\x80\x93 takes memory stalls in code segment?
- sorting algorithms complexity?
- bitwise operator questions in c++
- super keyword in java points in mcq forms
- static keyword in c++
- const pointers in c
- LRU AND FCFS page faults algorithms numericals in os
- heapify, heap sort complexity?

Note \xe2\x80\x93 *Programming* mcqs *are easy, but technical* mcqs *are not so easy. Questions are based on fundamentals of programming(c/c++). Focus on* basics *of C/C++, Operating system, COA, DS* and *algorithms. Again Be quick in this section also.*\xc2\xa0

Round \xe2\x80\x93 II\xc2\xa0

This round was very interesting. He asked me to Introduce Myself !\xc2\xa0

After that he jumped on the technical section directly.\xc2\xa0

1. He asked me about my Language used in the projects \xe2\x80\x93 C/C++/Java/Python. And then a Programming question \xe2\x80\x93 Sort an array of 0s, 1s and 2s
2. How to pass an array with the help of pointers. While passing 2d array, why it is necessary to pass number of columns?
3. Size of structure and union (structure padding) \xe2\x80\x93 https://www.geeksforgeeks.org/structure-member-alignment-padding-and-data-packing/
4. You have to include a file in your program which will contain a generic code for linked list operations using pointers in C? \xe2\x80\x93 https://www.geeksforgeeks.org/generic-linked-list-in-c-2/
5. Write a code for memcpy function in C, he wanted a generic code implementation, hence focused on void pointers and typecasting of pointers.https://www.geeksforgeeks.org/write-memcpy/
6. What is Operating system? Tell me about memory management \xe2\x80\x93 Paging, Segmentation? \xe2\x80\x93 Was very happy after this discussion !
7. Write a program to reverse bits of a number, You can not use mod % operator \xe2\x80\x93 Write an Efficient C Program to Reverse Bits of a Number
8. Tell me about your projects, he was focusing on my Information retrieval and Foundation of parallel programming projects a lot in the end.
9. Want to ask Ask any question? \xe2\x80\x93 I asked him about his area of interest and in which area he is working now a days in Qualcomm?

Round \xe2\x80\x93 III\xc2\xa0

This round was very boring, because Interviewer was not giving any outputs whether I was correct or not. He was asking questions in a sequence.\xc2\xa0

1. Asked me about content of the questions of Round \xe2\x80\x93 II. So that he can ask some different questions in this round.
2. You have 13 group of cards, each group has 4 cards of similar type and has a same number on them, which can be from (1, 2, 3\xe2\x80\xa6\xe2\x80\xa613). What is probability of choosing 3 cards so that number 10 should be on 3rd card?
3. Tell me, how to predict a number if it is prime or not, Derive time complexity and space complexity? He asked me various approaches. I knew only 2 methods in O(logn) time complexity \xe2\x80\x93\xc2\xa0 https://www.geeksforgeeks.org/prime-numbers/
4. What is the advantage of using function pointers for calling functions instead of calling function directly \xe2\x80\x93 I told him about lambda function in c++11 \xe2\x80\x93 https://www.geeksforgeeks.org/function-pointer-in-c/
5. Again he asked a math question. You have a grid of m*n size, what are the ways to go from one point to another point in the grid given that i can not go from two restricted points? \xe2\x80\x93 Famous gate puzzle
6. Suddenly he said Thanks! Wait outside.

I answered each and every question. I was very nervous after this round as the interviewer was not responding *anything, he was asking questions only. Then* i *waited for Hr round for 2-3 hours.*\xc2\xa0

Round \xe2\x80\x93 IV\xc2\xa0

HR round, Again he asked the same repeated and boring questions. Please do not prepare for these questions! According to the situation, predict the answer, what the HR wants.\xc2\xa0

- Introduce yourself.
- Why qualcomm?
- What work you will do in qualcomm?
- Qualcomm Hyderabad or Banglore or Noida?

- Any questions?

Finally *result came at* 11:00pm *and I was in the selected list of students.*\xc2\xa0

Note \xe2\x80\x93\xc2\xa0

1. ***Be fast in the online test.***
2. ***Focus on your fundamentals of computer science (Prepare your gate or Btech subjects basics).***
3. ***Prepare for aptitude also because every section has its own cutoff.***
4. **Prepare for coding questions \xe2\x80\x93 Interviewbit and geeksforgeeks are good platforms.**

Contact (If more queries) \xe2\x80\x93 guliaataptitude@gmail.com
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