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Qualcomm interview experience (fresher) 2019

- Last Updated : 19 Jul, 2019

Background \xe2\x80\x93 Computer engg. branch

Round 1:

Online test divided into 3 sections :

Aptitude \xe2\x80\x93 easy to moderate

time would be a constraint

Programming \xe2\x80\x93 many difficult output questions on C

Theoretical \xe2\x80\x93 consisted questions from OS and computer architecture mainly

Marking: +4/-1

Round 2:

Started with brief introduction and proceeded with detailed discussion on one of my projects. The interviewer asked to explain the project through a block diagram and then directed the discussion towards threading and other OS concepts.

Discussion on different layers of OSI model and TCP/IP.

One coding question to write code on a sheet:

Count the number of contiguous bits occurring more than once.

He then asked to explain how the CPU works. He then asked to design a solar car and then optimize on cost.

Round 3:

This was mostly on operating systems \xe2\x80\x93 system calls, virtual addresses \xe2\x80\x93 what are they and why they are needed, TLB working, paging, process\xe2\x80\x99 view of memory etc

He gave this structure and asked to compute its size:

```
struct abc{\r\n    int a;\r\n    char *b;\r\n    struct abc d;\r\n    int e;\r\n};
```

(The answer is that the compiler would not be able to determine the size and give compilation error)

Coding ques:

set a bit at any position

clear a bit at any position

clear the first set bit (MSB) without traversing all the bits[given a string, there is only 1 character that occurs once, rest can occur any number of times. Find that unique character without using extra space.](#)

Round 4:

Discussion on projects and a few questions on networking

Coding ques:

given two strings, delete the common words, i.e the words occurring in both the strings

Round 5- HR

Brief about education and background.

Why Qualcomm?

Plans for higher studies etc..

For technical rounds, be prepared with computer architecture and OS.

My Personal Notes\arrow_drop_up

Add your personal notes here

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