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Qualcomm Campus Recruitment Interview Experience

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Qualcomm conducted following rounds:

1. Online test conducted by hire pro. You can prepare from prepinsta and geeksforgeeks. In aptitude section they also ask logical aptitude too apart from quant. Keep your C basics like pointer, union, struct etc. strong.

2. Round 1 interview: First I was asked to introduce myself and tell about my project. Then most of the questions were about C, some from OS & and one from linked list. Following questions:

*toggle even bits of a number

*what is race condition?

*what will happen if I call free(NULL)? Any error?

*[how to detect loop in linked list?](#)

*what is deadlock?

*a function is passed a void pointer like myfunc(void *p). Determine memory address pointed by p is on stack or heap.

*What happens if I don't free memory and assign some other address to an existing pointer variable pointing to some memory on heap?

*Difference b/w semaphore and mutex.

*about volatile keyword in C.

*about function pointers

3. Round 2 interview: Entire discussion was on projects and few puzzles you will find on geeksforgeeks like ant triangle etc.

4. HR Round Relocation, why qualcomm, etc. HR like questions.

My Personal Notes

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