

Ciena Interview Experience 2021

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MCA(2019-2022)

There were 2 Technical Round and 1 Managerial Round.

Round 1 (1 hour).

- About Bitwise Operator and a program to swap the last four bits with 1st four bits of U8 number.
- About Recursion and Asked staircase problem and then print nth fibonacci number.
- Valid parenthesis dsa question
- about linked List
- about InterProcess Communication
- threads
- deadlock and its condition and some Operating system Questions
- Pointers and C questions

Round 2 (1:30 hour).

- Discussion around one of the projects, scaling and features.
- Program for Height of a binary Tree
- Program for power(m,n) and its optimization.
- Valid Palindrome string Dsa
- program for longest palindromic substring and its optimisation using DP.
- some question around C like static variable , dynamic vs static linking, etc
- some OS questions like Threads, compilation and runtime , deadlock, mutex and semaphore, etc
- One puzzle

Managerial Round (30 min).

- Normal talk about Ciena, current technology, why ciena, C language work , hobbies etc

