

# Ciena interview experience

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**MCA(2019-22)**

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There were 2 rounds. (1 Technical and 1 Technical+Managerial round)  
No online assessment was there.

## **Round 1: technical Round**

Duration → 1-1.5 hour

Platform → Zoom

Questions →

- Introduce yourself
- Discussions about achievements and projects
- OSI model
- OOPs concepts
- Set the 4th bit from the right.
- Remove everything after the last slash from the string.

Example :

A/abca/cd → A/abca

- Merge 2 sorted linked list  
<https://www.geeksforgeeks.org/merge-two-sorted-linked-lists/>
- Return first integer values from a string

Example :

123abcd12 → 123

12acc → 12

Abcd → NULL

NULL → NULL

Abcd123 → NULL

I've done coding in cpp. For the next round I was asked to do the python.

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## **Round 2: Technical + Managerial round**

Duration → 1 - 1.5 hour

Platform → Zoom

Questions →

- Introduce yourself
- Discussion about projects.
- Initialize empty dictionary
- Enter elements in an empty dictionary
- Created nested dictionary.
- Reverse your name.
- Write a function to reverse your name.
- Put reverse\_name function in class.
- Puzzle 1: if you overtook a person in 2nd position. What is your position now?
- Puzzle 2: A driver is travelling in the wrong direction but policemen didn't stop him. Why ?
- Puzzle 3: A, B, C, D are four friends in which A can cross the river in 1min, B can cross in 2 min, C can cross in 5 min and D can cross in 10 min. They have only one lamp with them and only 2 persons can cross a river at a time. Find the minimum time they will take to cross the river.
- Why is there a one year gap after 12th ?
- Your favorite subject in 10th and 12th ? (My answer was Maths )
- What is Pythagoras theorem ?
- Probability of getting 1 after throwing a dice ? why it is  $\frac{1}{6}$  ?
- How to get the sum of numbers from 1 to 200 ?
- Explain Newton's law.
- What is bootstrap which you mentioned in your cv.
- What is bootstrap in OS.
- Your laptop's OS.
- Subjects studied in graduation ?
- MCA duration changed from 3 years to 2 years. What are your views on this ? Don't you think that it is unfair that you are sitting in placements with your juniors ?
- Favourite subjects among OS, CN and CSA ? (I said None so he didn't asked me anything from these subjects )
- Tell me about your family.
- Are you planning to do studies further or you will be going for a corporate job ?
- Why not higher education ?
- Some discussions about the work profile and company.

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### **Points to be noted :**

- My 2nd interview is scheduled on weekends and there were 2 interviewers for the 2nd round. They are very friendly and the process went smoothly. So just be confident and be positive.
- Don't look so serious during the interview. You should be calm while answering.
- Present your points very clearly and calmly.