Ciena Interview Experience

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Whole process ended in approx 2 weeks (for all).
There were no OA but 3 rounds - 2 technical and 1 techno-managerial.

They preferred c/c++ and python candidates.

Based on their requirement they shortlisted the students on the basis of resume and contacted them directly through calls sooner or later.

I have practiced algorithms in java but have studied C in graduation so added that in my resume that's why they contacted me.

On call the manager scheduled the interview timing and asked me about my comfortability with C and told me to prepare for that.

1st Round - Technical Round

He started with an introduction and asked me my fav subject and started a question from that.
He asked basic and standard OS concepts (refer interviewbBit's interview questions in os), Data structures(what is the use of different data structures and differences) , networking, but in detail.
His fav subject was OS so he asked most of the questions in OS.(including process and thread difference, deadlock, synchronisation, mutex vs semaphore, why scheduling, multiprocessing vs multithreading,)
He also asked an easy thread based coding question.

The discussion went around 1hr.

The interviewer had to share reviews with the manager who had called.
Since my discussion went well, so they contacted me in 1hr and told me about the next round that was a coding based technical round in C and asked me to prepare well.

Round 2- Technical Coding Round
It was completely coding based round and the interviewer asked me questions related to linked list, pointers, string and bit manipulations. (Also be prepared with type casting very well)
The question was easy but they wanted the optimised solutions.
(They tried to know if I know different string manipulation methods and libraries available).

After round 2 they called me after a few days (holidays also came in between) and scheduled my techno-managerial round of 1.15hr the next day.

Round 3 - Techno- Managerial Round

It was taken by 2 interviewers. One of them joined a few minutes later. Till then he asked me some conceptual questions related to data structures,os and networking and coding questions on bit manipulation (storing separate 2 bytes of hexadecimal number , pointers in c (use of malloc, defining 2d array using malloc using one malloc function).
When 1st person was done with their questions
In between Another person(manager) joined and asked me about my previous interviews- who had taken that and how it was, and some general behavioural questions.
At last she asked me if I had any questions.
I have asked some company related questions like what they do and the working environment.

(This was the time when you can show you are interested in the company)
These both were our alumnis so the experience was quite friendly as well.

Note -
Don't be nervous, at least say what you know, maybe the interviewer will also help.

If you don't know the exact answer, tell him the approach whatever you think of and discuss it, he'll help and gradually come to solution together, but at least try with your basic approach as well

They ask easy questions, just be prepared with its internal working and it's related questions.