

INTERVIEW EXPERIENCE

Name: Namit Arora

Course: MSc. Computer Science

Round 1: Online Assessment

The online assessment was conducted on the HackerEarth Platform.

No. of Questions = 17 (1 coding question + 16 MCQs)

The MCQs were based on CS Fundamentals, Aptitude and Program Output (Easy to Medium Level Difficulty).

There was one Coding Question based on Strings.

28 Students were selected in this round.

Round 2: Technical Round

The interview was conducted in offline face to face mode. The interview started with my introduction. The following questions were asked by the interviewer:

- DSA Question - [Swap two given nodes of a Linked List](#)
- Write a program to print the following series where the next term is the sum of previous term and the term two terms before it:
1, 1, 1, 2, 3, 4, 6, 9, 13...
- When do we prefer Linked List over Arrays?
- What is the difference between RAM and Hard Drive? Why are hard drives slower?
- What are the different types of data structures?
- What are lists in python?
- The interviewer asked me about my projects and my area of interest.

Round 3: HR Round

The interview was taken by the CTO of the company itself in offline mode on the same day.

- He asked me to introduce myself and also asked about my previous work experiences as a freelancer. Also asked me about my percentage in 10th and 12th standard as it was not mentioned in my Resume.

- He asked me about the programming languages that I learnt during MSc and the projects that I had done using the newly learned languages. Then he looked at my resume and asked me to explain all the projects mentioned on it.
- He told me to explain the most recent project that I had done. I had recently completed a networking based project [Tic Tac Toe Multiplayer Game] so he asked questions related to socket programming such as how to restrict the no. of connections to a server etc.
- Asked me about my comfort level with Linux and also the commands that I have used most frequently.
- The technical questions were mostly based on networking and os such as:
 - Explain different layers of OSI Model and TCP/IP model.
 - Difference between TCP and UDP.
 - Explain DHCP and its working.
 - What will happen if we don't call the free function after dynamically allocating memory?
- The interview concluded with him asking about my family background.