TECHNICAL INTERVIEWS

WHAT IS A TECHNICAL INTERVIEW?

Technical interviews are a way for employers to put your skills to the test and get to know more about how you work. They may consist of an assignment, a design problem or knowledge-based questions.

WHAT TO EXPECT DURING THE INTERVIEW

BE PREPARED TO CODE

Get ready to draw things out on a whiteboard, even if you are coding. Practise this to get comfortable.

BE PREPARED TO TALK

Show off your problem-solving skills. Explain what you are thinking while solving problems.

BE PREPARED TO LISTEN

Interviewers are your greatest resource. Engage them in conversation and ask them questions when you are stuck. They don't want an engineer that does everything without others.

KNOW WHETHER THEY ARE LOOKING FOR GENERAL CODE, ANALYSIS OR DESIGN

WHAT EMPLOYERS ARE LOOKING FOR

PROBLEM-SOLVING SKILLS
How do you approach new problems?

x^2

TECHNICAL APTITUDE
Can you do what you say you can do?

COMMUNICATION SKILLS
Can you explain your work effectively?

HOW TO PREPARE

☑ **KNOW YOUR ABILITIES**
Be prepared to speak about your skills and abilities and how they relate to the job that you are interviewing for.

☑ **KNOW THE COMPANY**
Research the company to get an understanding of what they do and what they need, so you know the best ways to show how you will be an asset.

☑ **BRUSH UP ON COMMON CS CONCEPTS**
Brush up on common computer science concepts such as basic programming, data structures and algorithms, among other concepts that you may be tested on.

☑ **NON-TECHNICAL SKILLS ARE BOSS**
Your soft skills, such as communication, problem solving and teamwork skills, are equally as important as your technical skills.

☑ **PRACTISE!**
The best way to prepare for an interview is to practise. Remember to practise writing your code on a whiteboard, practise explaining your reasoning and practise answering questions about yourself and your skills.

ADDITIONAL RESOURCES

glassdoor
A library of interview questions and answers, along with company research and job postings.

LeetCode
Platform to further enhance your coding knowledge and help you prepare for technical interviews.

interviewing.io
Anonymous technical interview practice with engineers from tech firms.

code jam kickstart
Aptitude tests for different types of logic and reasoning.

Engineering
Centre for Career Growth & Experience

McMaster University