

Preparing For Your Tech Interview

Over the past 10 years, Andiamo has gathered the best interview preparation resources to help thousands of candidates through the interview process. This guide consists of information and preparation material that candidates found most helpful as they prepare for their technical interviews. Preparation and the refreshment of technical fundamentals go a long way in increasing chances of performing well. Utilizing these tools to brush up on essential tech concepts and principles will help you prepare for your interview, and thrive in your work environment.

INTERVIEW PREPARATION RESOURCES

- [HackerRank](#). HackerRank is an online live programming tool commonly used to work with candidates during first round phone interviews at many firms. Through this link, you will be able to select sub-domain categories, with access to multiple sample programming and algorithm based questions.
- [Career Cup](#) Career cup offers sample tech interview questions that were previously asked by top tier companies, along with user-provided solutions. Click on different companies for different styles of questions. For core development questions, check out “Google”, “Facebook”, “Bloomberg”, “LinkedIn”, and “Microsoft”.
- [Cracking the Coding Interview](#) by Gayle Laakmann McDowell. Many candidates have told us that skimming through the vital interview preparation advice in this book was a factor in their performance in their interviews.
- [Big O Cheat Sheet](#) Big O cheat sheet is a compilation of search and sorting algorithms commonly used in Computer Science (searching, sorting, data structures, etc.) This is a great refresher to remind yourself of the most efficient ways to solve problems.
- [Algorithms Interview Tips](#) Useful tips, strategies, and methods for designing algorithms to answer technical questions
- [Top Coder Development Challenges](#) Put your skills to the test and brush up on core concepts under the “algorithm” tab. Useful coding and bug hunt challenges can be found under the “development” tab.
- [Five Essential Phone Screen Questions](#) Written by Steve Yegge, this article addresses the methodology that many interviewers adhere to for the interview process. Considering why the interviewer asks particular questions can help you discover themes that can ultimately help you ace the interview.
- [Tech Development Interview Blog](#) Steve Yegge’s interpretation on what you need to know for a tech interview. Steve touches on tech concepts and methods that usually appear during technical interviews.

These types of core computer-science fundamental questions are academic in nature and are very common in technical interviews. Preparing for these questions is imperative as many candidates don’t face these types of questions in their daily work lives (see below for OOD questions & answers).

- [Object Oriented Design](#) - Questions
- [Object Oriented Design](#) – Answers

Sample Questions

- Name two data structures available in the C++ Standard Library (STL) and describe what they do.
- What would you use a static variable in a class for?
- Let’s say you were writing an autocomplete algorithm for a search engine. What would be an efficient way to store the data to efficiently give a list of autocompletes?

Right after the interview, follow up with your recruiter to discuss initial feedback and the next steps.