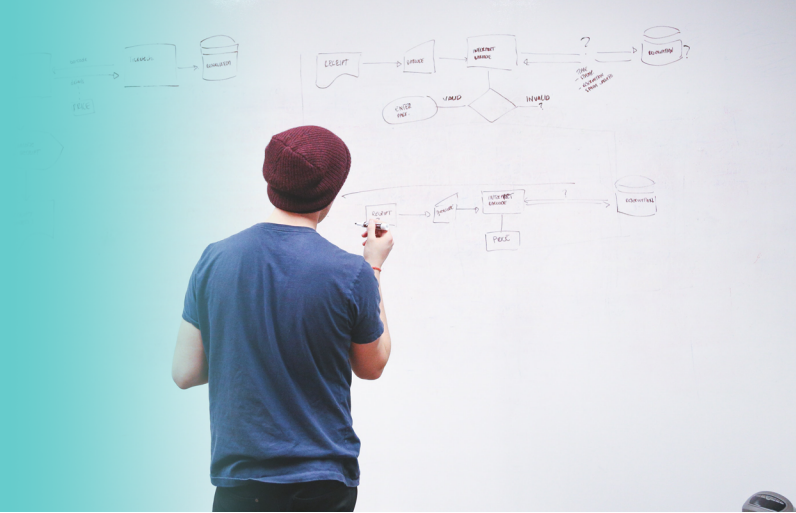


WHITE BOARDING AND LIVE CODING RESOURCE GUIDE



Coding Challenges

List of 10 Best Coding Challenge Websites

This is a list of websites in which you can practice coding challenges based on data structures and algorithms. The list is nice because it talks a little about each sites and shows you the difficulty level of the questions on it.

Practice Real Interviews

Interviewing.io (FREE)

FREE site to practice anonymous technical interviews with engineers from Google, Facebook, etc. What's great too, is if you do well, you can be invited to interview at these top companies.

Pramp (FREE)

Another FREE site to practice interviews. What's different about this one is you are paired with a peer rather than an interviewer. The site provides the questions and answers to use with each other. This is great if you are just starting out, since Interviewing.io is more for someone with a bit of technical interview experience.

Learning Resources

Big O Cheat Sheet

Like the name is a good cheat sheet Big O on common data structure operations as well as array sorting algorithms.

Interview Cake (\$)

More than just an interview question bank, they do a good job of breaking down the process of how to get to an answer rather than just giving one out and teaching you the strategy to get there yourself. You can look at a few questions for free before you need to pay, but you can sign up to their email and get one question each week. Not great with teaching the fundamentals if you don't already know data structures and algorithms.



Websites



Cracking the Coding Interview

Top interviewing book in the industry. 189 programming interview questions on all topics you are likely to see along with how to solve each problem. Covers Big O(n), data structures and algorithms. Besides just the questions goes in depth into the entire process, behind the scenes of the interview at the large tech companies, behavioral preparation, and what to do before the interview.

Programming Interviews Exposed

A bit older but similar to Cracking the Coding Interview. Most fundamental questions don't change much over the years anyway. Discusses the job search process and the full thought process of applying the techniques needed to solve any interview problem. Solutions are in C, C++, C#, and Java.

The Algorithm Design Manual

If you are looking to get more into the nitty, gritty of algorithms this is the book for you. Discusses designing algorithms, and analyzing their efficacy and efficiency. More textbook style on theory than straight coding problems. Can be an awesome supplemental resource.