

Intro to Bootcamp Jan 2024

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Boot Camp Goals

- To help you on the technical portion of a software engineer job interview
- To get you started applying concepts and solving problems
- To give you a structure to continue on your own afterwards, with peers
- To help you come up with your own questions
- NOT to teach you everything

Homework and Classwork Logistics

- Assignments posted day by day on readme of bootcamp instructor GitHub repo, often Leetcode links
- Fork the instructor repo to your own github
- Keep the folder structure and filenames
- Edit file locally, then add/commit/push to your repo
- Make pull requests to submit both homework and classwork

Homework: Effort Expected

- Attempt the problem(s) for about 1 hour each day
- Do not spend more than 1 hour on each problem
- if you cannot solve a problem within 1 hour, submit what you tried to do. Describe your approach as a comment in your program, and include any code you wrote, and submit that instead.
- It will be an intense few weeks. It is better to try, learn, and pace yourself than to try too hard too early and burn out.

Class Logistics and Activities

- Weekdays from 10AM to 12PM
- 10AM-11AM lecture will go over a topic and two questions related to that topic
- guided problem solving time in class 11AM-1130AM try problem on your own, 1130Am-12AM class review of the problem
- Classwork must also be submitted on GitHub

- Discord server: <https://discord.gg/PKxpuPS6>

Repo Folder Structure: Weekly



Repo Folder Structure: Daily

Branch: **master** ▼

bootcamp / **cs** / **week2** /



andymina Updated homework

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 **day1**

Added HashMaps

 **day2**

Updated homework

 **day3**

Finished anagram problem

 **day4**

Updated homework

 **day5**

Updated homework

Defining Success

- Balancing two concerns:
- gain just enough technical skill to solve the problems given
- **practice how to demonstrate solid traits as a member of a team.** ability to communicate ideas ability to reason through a problem, consider multiple solutions and pick one that suits the problem the best ability to ask questions when you need help ability to analyze own work and catch mistakes ability to get a good enough solution under constraints given to you. no one is always the best at any particular skill, but everyone can at least be a solid team member

Getting A Tech Job: The Lay of the Land

- projects, portfolios, resumes, and cover letters get your foot in the door
- the technical interview seals the deal
- the technical interview process is harder at more prestigious companies (Bloomberg, FAANG companies, some startups)
- Some companies have a multi-hour multi-interviewer technical interview process

Getting A Tech Job: The Lay of the Land 2

- We spoke to many ppl at many companies and found base topics that everyone agrees a candidate should know
- Beyond those, different places will focus on different topics, we can't prepare you for all of them.
- you're going to get a lot of qu's that are small variations on each other. Practice leads to pattern recognition.

Absences

- If you will be absent, DM Jaime and Elise on Discord.