Welcome back to the Interviewing Team!!!!!

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We're glad to have you!

What do we do?

Our main objective is to solve challenging technical interview-based questions in a collaborative environment to enhance our problem-solving and communication skills.

- We learn, experiment, and explore data structures & algorithms, design patterns.
- We prepare for company specific technical interviews.
- We analyze and discuss problems in-depth, with the goal of obtaining several solutions and figuring out the most optimal one.
- We participate in competitive coding competitions such as Leetcode contests, Google Kick Start, Facebook Hacker Cup.
- We especially grind out a lot of Leetcode!

Perks of Joining Us

- Learn new data structures & algorithms, design patterns, problem solving techniques.
- Understand how to approach, solve, and communicate technical problems in interviews.
- For members less experienced with data structures & algorithms, build a solid problem solving aptitude that you can expand on when you take EECS 281.
- Meet and connect with like-minded individuals.
- Access to Michigan Hacker's Leetcode Premium subscription.

Your Responsibilities

- *Endeavor to attend meetings regularly.*
- *Attempt to be as interactive as you can.*

Virtual cookies for you if you bring any technical problem you may have encountered in an interview for us to discuss and solve.

Meeting Structure

Timings - ***7:10 to 8:30 pm ET (Thu),*** **Note : I tend to hang around till 9**

Format -

a) We will start with a general 10 minute discussion. We'll do a small activity every meeting to just get more comfortable with each other.

b) We'll then dive right into the problems. There will be two sets of problems every week. One will be intermediate and the other will be advanced level. We will have adequate time to discuss and solve the problems. I will also provide detailed solutions for the problems.

c) If our attendance is good, we can break into breakout rooms. This way you can discuss your thought process and solve the problem collaboratively.

Topics of Interest

- Arrays
- Math
- Stacks
- Trees
- Heaps
- Graphs
- Searching
- Two Pointers
- Divide & Conquer
- Backtracking
- Object Oriented Design
- Strings
- Linked Lists
- Queues
- Tries
- Priority Queues
- BFS, DFS
- Sorting
- Sliding Window
- Greedy
- Dynamic Programming

Some Popular Resources

- mycodeschool -> Excellent resource for learning basic data structures.
- Cracking The Coding Interview -> Extremely popular for practicing technical, behavioural, and knowledge based interview questions.
- CLRS -> A comprehensive textbook for learning algorithms.
- Leetcode -> My personal favorite resource for practicing DSA problems.
- GeeksforGeeks -> Bunch of resources on DSA, company-specific interview questions, etc.

For more resources, check out this document.

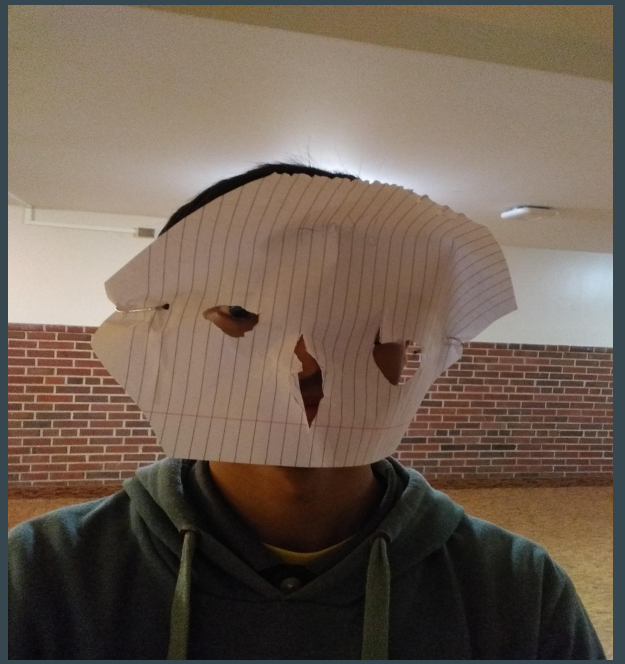
How to get started

1. Install Slack and add a picture of yourself on Slack.
2. Join the #interviewing-20-21 channel in the Michigan Hackers Slack workspace.
3. Add yourself to the Interviewing Team Roster.
4. Access the Interviewing Team Folder. It has all of the relevant information and resources.
5. Create a Leetcode account.
6. Clone this git repo.

About Me a.k.a *Abhik Mazumder*

- Sophomore studying CS at the College of Engineering
- Born in California, grew up in Kolkata, India
- Grinds out Leetcode in free time
- Huge fan of FC Barcelona
- Interviewing Lead for the 2020-2021 session

My Halloween Costume in 2019 ->



That's It

Any Questions??