INTERVIEW PREP BOOK CLUB

Agenda

- **Resume Writing**
  - ***https://www.techinterviewhandbook.org/resume/***
  - ***https://www.youtube.com/watch?v=Tt08KmFfIYQ***
- **Behavioral interviews**
  - ***https://www.techinterviewhandbook.org/behavioral-interview/***
  - ***https://www.youtube.com/@DanCroitor/videos***
- **Coding interviews**
  - ***https://frontendmasters.com/courses/algorithms/***
    - **https://www.techinterviewhandbook.org/algorithms/study-cheatsh**
  - ***https://www.techinterviewhandbook.org/grind75***
  - ***https://neetcode.io/*** **|** ***https://leetcode.com/problems/***
- **System design interview**
  - ***https://www.youtube.com/watch?v=o-k7h2G3Gco***
  - ***https://www.youtube.com/@SDFC***

Data Structures

- Array
- Linked List
- Stack
- Queue
- Binary Tree
- Binary Search Tree
- Heap
- Hashing
- Graph
- Matrix

The Last Algorithms Course You'll Need

ThePrimeagen

- Week 1
  - *Introduction, Basics, Search*
- Week 2
  - *Sort, Arrays*
- Week 3
  - *Recursion, Quick Sort*
- Week 4
  - *Doubly Linked Lists, Trees*
- Week 5
  - *Tree Search*
- Week 6
  - *Heap*
- Week 7
  - *Graphs and Maps & LRU*

Valuable Resources

- https://visualgo.net/en
- https://hackernoon.com/14-patterns-to-ace-any-coding-interview-question-c5bb3357f6ed

Grind75

https://www.techinterviewhandbook.org/grind75?hours=4

- Book Club Week 3
  - *Week 1 List – 4 Questions*
- Book Club Week 4
  - *Week 1 List – 3 Questions*
  - *Week 2 List – 3 Questions*
- Book Club Week 5
  - *Week 2 List – 3 Questions*
  - *Week 3 List – 6 Questions*
- Book Club Week 6 - 7
  - *Week 4 List – 4 Questions*
- **… Weekly Progress**

Example Exercises

- https://leetcode.com/problems/reverse-linked-list/description/
- https://leetcode.com/problems/merge-two-sorted-lists/description/
- https://leetcode.com/problems/invert-binary-tree/description/
- https://leetcode.com/problems/search-a-2d-matrix/description/
- https://leetcode.com/problems/word-search/

Suggested books

- **Grokking Algorithms**
- **System Design Interview**
- **The Phoenix Project**
- **Designing Data-Intensive Applications** *