Study Plan for Coding Interviews

Inspired by this *article*

Week 1: Arrays and Strings

Sunday

- Reading - Interview Cake (All readings under #1)
- Easy: Valid ()

Monday

- Easy : Reverse Vowels in a string
- Medium: Longest Substring

Tuesday

- Easy : Isomorphic Strings
- Medium - Container with Most water

Wednesday

- Easy - Count and say
- Medium - longest substring

Thursday

- Easy - Remove Duplicates from sorted array
- Medium - Next Permutation

Friday

- Medium - Max product subarray
- Medium - Longest palindrome

Saturday

- Hard - Median of Two Sorted Arrays

Week 2 Binary Trees and Linked Lists

Sunday

- Reading Interview Cake (All trees under #5 and linked list under 8)
- Easy: Merge two sorted lists

Monday

- Easy : Balanced binary tree
- Medium: K smallest element in BST

Tuesday

- Easy : Palindrome Linked Lists
- Medium Remove Nth Node from List

Wednesday

- Easy: remove dups from linked list
- Medium Binary tree inorder traversal

Thursday

- Easy Same tree
- Medium: Partition list

Friday

- Medium: Unique Binary search trees 2
- Medium Copy list with random pointer

Saturday

• Hard: Reverse Nodes in k-Group

Week 3 Dynamic Programming & Greedy Algorithms | Focusing on Optimizations

Sunday

• Reading: Interview Cake (All trees under #6 and greedy under 3)

• Easy: Climbing Stairs

Monday

• Easy : Best time to buy and sell stock

• Medium Longest palindromic substring

Tuesday

• Easy : House robber

• Medium Coin change

Wednesday

• Easy Maximum Subarray

• Medium: Triangle

Thursday

• Easy Best Time to Buy and Sell Stock II

• Medium Jump Game

Friday

• Medium Word Break

• Medium Wiggle Subsequence

Saturday

• Hard Best Time to Buy and Sell Stock III

Week 4- Review Review Review

Sunday

• Reading : tbd ‼️

• Decide which problems to review *(previous incorrect ones)*

Monday + Tuesday tbd

• Review problems

Wednesday

• Medium Rotate Image

• Medium Course Schedule

• Medium:validate BST

Thursday

• Medium Merge Intervals

• Medium Delete Node BST

Thursday

• Hard

• Hard

Friday

• Hard

• Hard

Saturday

- Hard
- Hard