

THE PARETO

PROBLEM SET:

LEARN TO PASS 90% OF CODING INTERVIEWS

AND CONSISTENTLY SOLVE LEETCODE MEDIUMS

Hi, I'm Aman. I landed 6 high-paying internships at companies like Amazon, Shopify, and HP.

This is the LeetCode roadmap that I used to pass 10+ coding interviews and land a \$168,000* job offer right out of college.

I call it The Pareto Problem Set. If you learn to solve these problems in this order, you will be able to pass over 90% of coding interviews.

Even better, you'll be able to do it faster than if you follow more comprehensive lists like The Blind 75 and The NeetCode 150.

Enjoy!

ARRAYS & HASHING

| | | |
|----|--------|------------------------------|
| 01 | EASY | Contains Duplicate |
| 02 | EASY | Valid Anagram |
| 03 | EASY | Two Sum |
| 04 | MEDIUM | Group Anagrams |
| 05 | MEDIUM | Top K Frequent Elements |
| 06 | MEDIUM | Top K Frequent Elements |
| 07 | MEDIUM | Product of Array Except Self |
| 08 | MEDIUM | Longest Consecutive Sequence |

TWO POINTERS

| | | |
|----|--------|----------------------------------|
| 09 | EASY | Valid Palindrome |
| 10 | MEDIUM | Two Sum II Input Array Is Sorted |
| 11 | MEDIUM | 3Sum |
| 12 | MEDIUM | Container With Most Water |

SLIDING WINDOW

| | | |
|----|--------|--|
| 13 | EASY | Best Time to Buy And Sell Stock |
| 14 | MEDIUM | Longest Substring Without Repeating Characters |
| 15 | MEDIUM | Longest Repeating Character Replacement |

STACK

| | | |
|----|------|-------------------|
| 16 | EASY | Valid Parentheses |
|----|------|-------------------|

| | | |
|----|--------|--------------------|
| 17 | MEDIUM | Min Stack |
| 18 | MEDIUM | Daily Temperatures |

BINARY SEARCH

| | | |
|----|--------|--------------------------------------|
| 19 | EASY | Binary Search |
| 20 | MEDIUM | Find Minimum In Rotated Sorted Array |
| 21 | MEDIUM | Search In Rotated Sorted Array |

LINKED LIST

| | | |
|----|--------|----------------------------------|
| 19 | EASY | Reverse Linked List |
| 20 | EASY | Merge Two Sorted Lists |
| 21 | MEDIUM | Reorder List |
| 22 | MEDIUM | Remove Nth Node From End of List |
| 20 | EASY | Linked List Cycle |
| 21 | MEDIUM | LRU Cache |

TREES

| | | |
|----|------|------------------------------|
| 22 | EASY | Invert Binary Tree |
| 23 | EASY | Maximum Depth of Binary Tree |
| 24 | EASY | Diameter of Binary Tree |
| 25 | EASY | Balanced Binary Tree |
| 26 | EASY | Same Tree |

| | | |
|----|--------|--|
| 27 | EASY | Subtree of Another Tree |
| 28 | MEDIUM | Lowest Common Ancestor of a Binary Search Tree |
| 29 | MEDIUM | Binary Tree Level Order Traversal |
| 30 | MEDIUM | Binary Tree Right Side View |
| 31 | MEDIUM | Count Good Nodes In Binary Tree |
| 32 | MEDIUM | Validate Binary Search Tree |
| 31 | MEDIUM | Kth Smallest Element In a Bst |

HEAP / PRIORITY QUEUE

| | | |
|----|--------|---------------------------------|
| 32 | EASY | Kth Largest Element In a Stream |
| 33 | EASY | Last Stone Weight |
| 34 | MEDIUM | Kth Largest Element In An Array |

GRAPHS

| | | |
|----|--------|-----------------------------|
| 35 | MEDIUM | Number of Islands |
| 37 | MEDIUM | Max Area of Island |
| 38 | MEDIUM | Clone Graph |
| 39 | MEDIUM | Pacific Atlantic Water Flow |
| 40 | MEDIUM | Surrounded Regions |
| 41 | MEDIUM | Course Schedule |
| 42 | MEDIUM | Course Schedule II |

*Location-Adjusted