# Cracking the Coding Interview - Companion CP Cheat Sheet

## Arrays & Strings

- LeetCode 1. Two Sum

  https://leetcode.com/problems/two-sum/

- HackerRank: Arrays - Left Rotation

  https://www.hackerrank.com/challenges/array-left-rotation

## Hash Maps / Dictionaries

- LeetCode 349. Intersection of Two Arrays

  https://leetcode.com/problems/intersection-of-two-arrays/

- LeetCode 217. Contains Duplicate

  https://leetcode.com/problems/contains-duplicate/

## Linked Lists

- LeetCode 206. Reverse Linked List

  https://leetcode.com/problems/reverse-linked-list/

- LeetCode 160. Intersection of Two Linked Lists

  https://leetcode.com/problems/intersection-of-two-linked-lists/

## Stacks & Queues

- LeetCode 20. Valid Parentheses

  https://leetcode.com/problems/valid-parentheses/

- LeetCode 155. Min Stack

  https://leetcode.com/problems/min-stack/

## Trees & Recursion

- LeetCode 104. Maximum Depth of Binary Tree

  https://leetcode.com/problems/maximum-depth-of-binary-tree/

- LeetCode 226. Invert Binary Tree

  https://leetcode.com/problems/invert-binary-tree/

## Graphs

- LeetCode 200. Number of Islands

  https://leetcode.com/problems/number-of-islands/

- HackerRank: BFS Shortest Reach

  https://www.hackerrank.com/challenges/bfsshortreach

## Bit Manipulation

- LeetCode 191. Number of 1 Bits

  https://leetcode.com/problems/number-of-1-bits/

- LeetCode 136. Single Number

  https://leetcode.com/problems/single-number/

## Sorting & Searching

- LeetCode 704. Binary Search

  https://leetcode.com/problems/binary-search/

- HackerRank: Bubble Sort

  https://www.hackerrank.com/challenges/ctci-bubble-sort

## Dynamic Programming

- LeetCode 70. Climbing Stairs

  https://leetcode.com/problems/climbing-stairs/

- LeetCode 198. House Robber

  https://leetcode.com/problems/house-robber/