

Job Hunt Cheat Sheet

Resume

Education

- University / Location
- Expected graduation
- GPA optional
- Relevant coursework

Experience (Largest Section)

- Company / Location / Date
- Job title
- 3 points:
 - Accomplished X
 - Shown using specific metrics Y
 - Did this through Z

Projects

- Side projects – Not class projects
- Show that you're interested in CS outside of class

Awards

Skills & Interests

- Languages (Programming & Spoken)
- Hobbies outside CS

Misc.

- Bullet Points – No paragraphs
- Name / Contact / Github at the top
- Everything Chronological



Interview Prep

Coding Problems

- <https://leetcode.com> *
- <https://hackerrank.com>
- <https://projecteuler.net>
 - Math heavy
- <https://codewars.com>



Leetcode

- Easy / Mediums
- Time yourself
- 20 minutes then quit
- Look at the discussion tab to see where you could have improved always
- Python 3

Whiteboard Mock

- Whiteboard mock with a friend
- Thought stream
 - Interviewers assume quiet == stuck
- Brute force start
 - Work your way to a better solution after
 - Use the brute force solution if you can't think of anything after a few minutes
- Writing code
 - No pseudocode
 - Descriptive variables
 - Leave a lot of room between lines – you will always need it later
- Space & Time Complexity
 - Trade-offs
- Run through an example line by line
 - Edge cases?
- Run assumptions by interviewer
 - “Can I assume the input is all non-negative?”
 - “I’ll assume I have a function that reverses a string and come back to it after.”

Applying



Where?

- <https://intern.supply>
- <https://linkedin.com>
- <https://glassdoor.com>
- <https://engineerjobs.com>
- <https://mrshibe.me>

- Apply everywhere
 - get your foot in the door

Experience



Internship

Behavior






- Talk about yourself / Strengths / Weaknesses
- Talk about a project on your resume
- Time you've had a bad group
- Time you've taken leadership
- Time the scope of your project changed

Company Research









- Culture
- After-interview questions
- Why X company?
- What do they do?
- What do you want to do there and why you?



Easy

- [1] Two Sum  
- [141] Linked List Cycle 
- [198] House Robber
- [21] Merge Two Sorted Lists
- [206] Reverse Linked Lists 
- [121] Best Time to Buy and Sell Stock
- [234] Palindrome Linked List 
- [20] Valid Parentheses
- [112] Path Sum
- [463] Island Perimeter

Medium

- [146] LRU Cache 
- [79] Word Search
- [495] Teemo Attacking
- [621] Task Scheduler 
- [113] Path Sum II
- [200] Number of Islands 
- [921] Minimum Add to Make Parentheses Valid
- [152] Maximum Product Subarray
- [102] Binary Tree Level Order Traversal 
- [94] Binary Tree Inorder Traversal 
- [22] Generate Parentheses
- [134] Gas Station
- [797] All Paths from Source to Target 
- [739] Daily Temperatures 
- [207] Course Schedule
- [322] Coin Change 
- [11] Container With Most Water
- [133] Clone Graph

Hard

- [42] Trapping Rain Water 