Cameron S. Yee

San Francisco, CA | yeec327@gmail.com | (415) 734-1731 | LinkedIn: cam-yee | GitHub: Cameron327 | Personal Website

Education

University of California Davis **Graduation Date: June 2023**

Bachelor's of Science in Computer Science GPA: 3.9/4.0

Relevant Coursework: Full Stack Web Development, Data Structures and Algorithms, Object Oriented Programming in C++, Programming and Problem Solving in C, Discrete Mathematics for Computer Science, Linear Algebra

Work Experience

Oneboard.live Davis, CA

Full Stack Developer May 2021 - Present

- Developed checklist for new users utilizing Google Firebase functions and React.js components to automate completion of tasks in real time, lowering the turnover rates of new users by over 20%
- Increased customer retention and signups by 3000+ new customers by storing user data and metrics from Google Firebase and displaying in an admin page, allowing marketing team to effortlessly view analytics
- Integrated Draft.js to provide a customizable text editor into the Oneboard chat feature
- Enabled Real Time Communication to Oneboard platform to perform screen and sound sharing across multiple users by integrating WebRTC

Google Developer Student Club (GDSC) Davis, CA

Technical Lead November 2020 – Present

- Created Discord bot by using its API to communicate with Discord Server Chats and interact with users
- Initiated collaboration and coordinated with external organization PIXEL to build custom profile website for company, increasing new user engagement by over 20%
- Led a presentation demonstrating how to build a portfolio website using Bootstrap, HTML, and CSS to 100+ programmers and boosted viewership of workshops by over 150%

Technical Projects

Weather App **August 2021**

- Fetched and integrated weather API using Axios.js and React Hooks to gather data into a readable format
- Displayed gathered data into front-end using React.js and pre-styled CSS components

Personal Portfolio Website **July 2021**

- Constructed with React.js, customized with Tailwind CSS, hosted on Netlify (https://cam-yee.netlify.app/)

Slack Server App **February 2021**

- Utilized Bolt framework from Node.js, Slack APIs, webhooks, Express.js, and Axios to invent a Slack App that creates polls and also notifies a Slack channel when any event happens in any Github repository
- Integrated the Google Translate API to also translate any message using 15+ languages for global use

Learning Resource Library **February 2021**

- Developed web app that acts as a learning resource library for college students by compiling notes on classes, learning guides, etc. including a search system using tags and keywords
- Implemented SQL CockroachDB to store the table containing the tag mappings to the files, Google Firebase to store the files for backend, and implemented React.js and Material.ui for frontend

Smart and Safe Security System **January 2021**

- Designed a web page to use the webcam to survey an area and gather data on the number of people and relays said data to a database to determine whether an area is too crowded for comfort
- Quickly adapted to learn and utilize React.js, Node.js, HTML, CSS, and JavaScript to build the security web page while also utilizing the machine learning capabilities of tensorflow.js to detect people in frame

Apartment Finder **January 2020**

- Built apartment-finder prototype that won first place out of 400+ participants for Best Use of UiPath
- Quickly adapted to learn and implement data-scraping, python and its libraries, and k-means clustering to build a working apartment-finder in under 24 hours

Skills

Programming Languages: Python, JavaScript, C++, C, HTML, CSS

Frameworks/Technologies: Google Firebase, Tailwind CSS, Node.js, React.js, Git, jQuery, Express.js, MongoDB, VIM, Unix, AJAX, axios.js, Heroku, Netlify, Google Testing Framework

Honors/Awards: First Place at HackDavis 2020 (hackathon) for Best Use of UiPath Automation Hack, Second Place at HackDavis2021 (hackathon) for Best Use of TensforFlow.js, Dean's Honor List for UC Davis (top GPA)

Second round interviewer: Allen L

- facebook marketplace
- browse feed, revamping the UI
-

Questions to ask

- I know facebook hires a lot of generalists for software engineers so what does the team-matching process look like?
-
- get personal and see what he says about himself in the beginning and build off of that
-
- What's the company culture like?
    - Is it exactly like how you expected it to be?
    - prioritize impact
    - being proactive and being bold

- What do you enjoy most about what you do?
    - enjoying the freedom
- What is one project that you really liked working on?
- What are some challenges that past interns have faced?
    - their technical skills
    - project plan
    - consistent feedback
    - addressing the feedback
- What do you expect to see from a newly hired intern?
    - self motivation and self drive and their ability to push to learn new things
    - and then say “i have shown those qualities when I was a Full Stack Developer at Oneboard. One time, …”
    - operate on same level as new grad

Thank you Email

- Good evening Allen,
-
- Thank you again for taking the time to interview me today. It was nice getting to know more about you and what you do at Meta, talking about what would make a great intern, and sharing my experiences with you! Your work on Facebook Marketplace is very impactful to college students like me as I have needed to use it when purchasing college materials. I want to be a part of a team that helps build impactful products just like you and your team.
-
- In addition, you mentioned how motivated and self-driven a successful intern would be and I believe I represent those qualities. My Software Engineering experience started less than 2 years ago and I've already pushed myself far enough to get my first Full Stack Developer role at Oneboard. I also emphasized my ability to quickly adapt and learn new technologies in a short amount of time due to my ambitious nature: I was assigned a React.js project even though it was not under the qualifications for my role at the company. Instead of expressing concern, I took the initiative to learn React.js from

scratch and combine it with Google Firebase in order to finish my next project in under a week. I also believe that I demonstrated my ability to learn under time pressure today and adapt my solutions to be more efficient. So, I do believe that my self-drive and motivation to learn would make me a great fit at Meta and I will always continue to push myself.

-
- Thank you again for taking the time and it was great meeting you!
-
- Thank you,
- Cameron Yee

Second thank you message through the portal

- Good evening Mr. Liu,
-
- I just sent you a full email about thanking you for your time and sharing your experiences along with what would make a great intern. Again, I do believe I fit those qualities of being self-motivated with a high ambition to learn and adapt under time pressure. So thank you again for your time and I hope to hear back soon!
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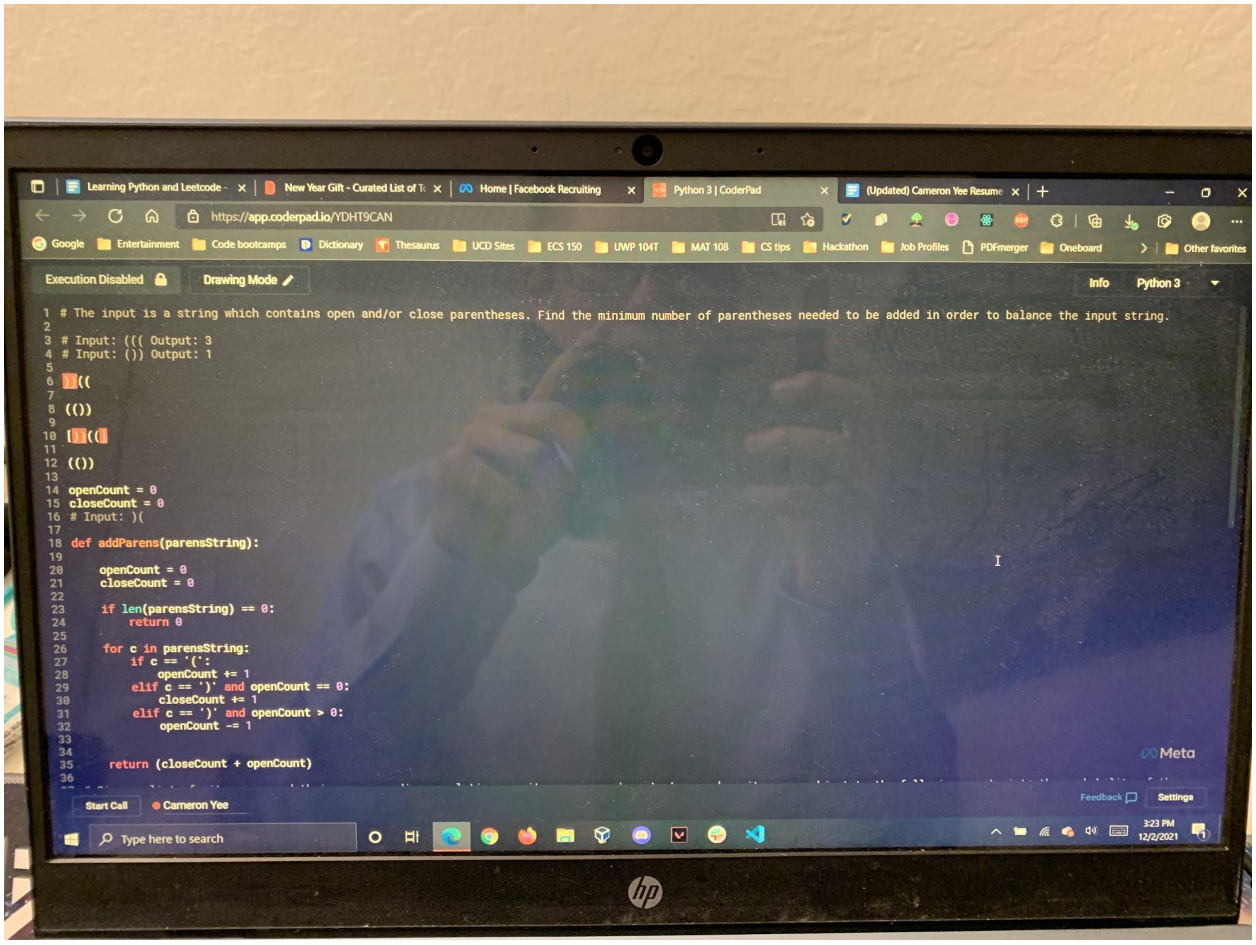
- Thank you,
- Cameron Yee

allenliu2@fb.com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Python 3 | CoderPad
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https://app.coderpad.io/YDHT9CAN
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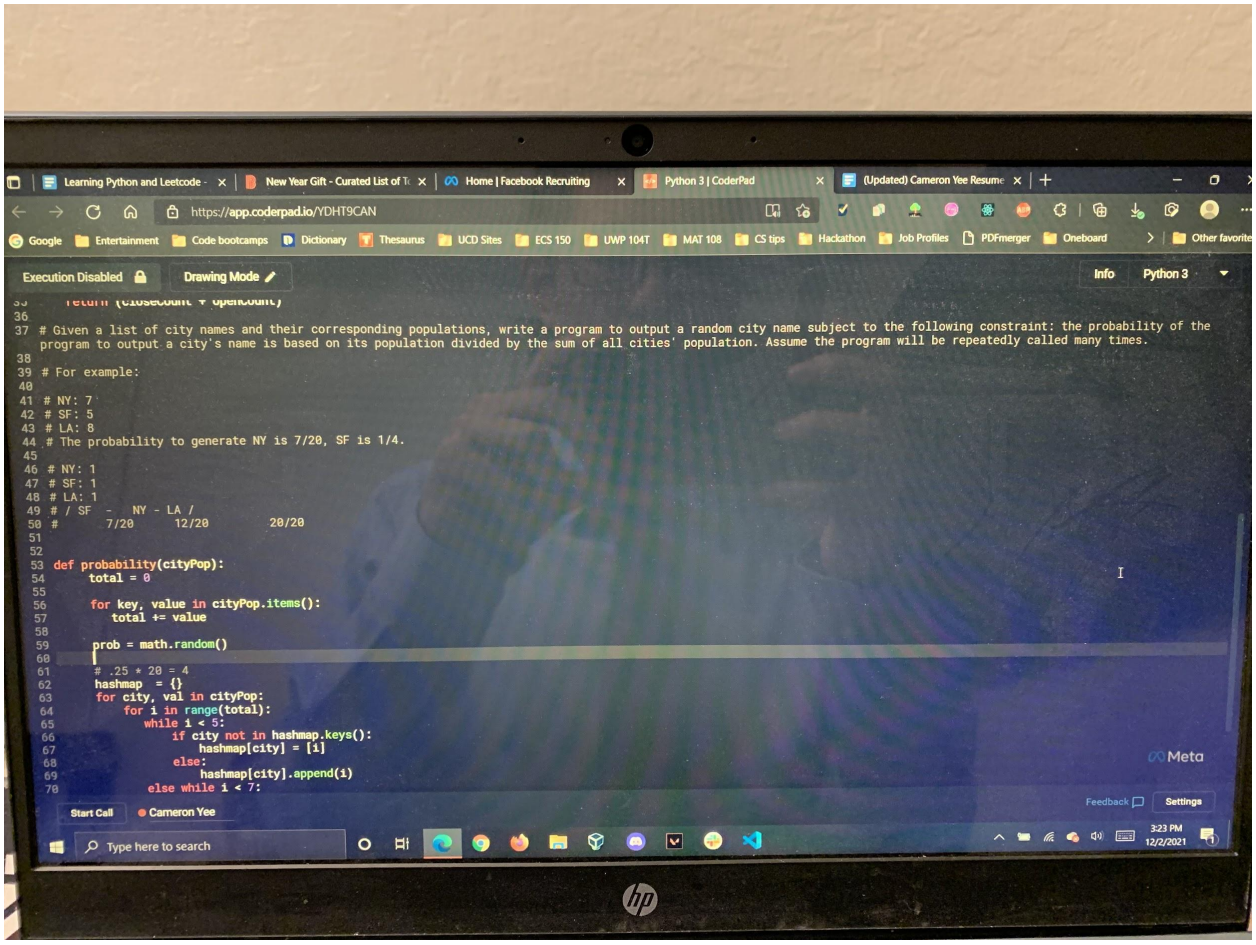
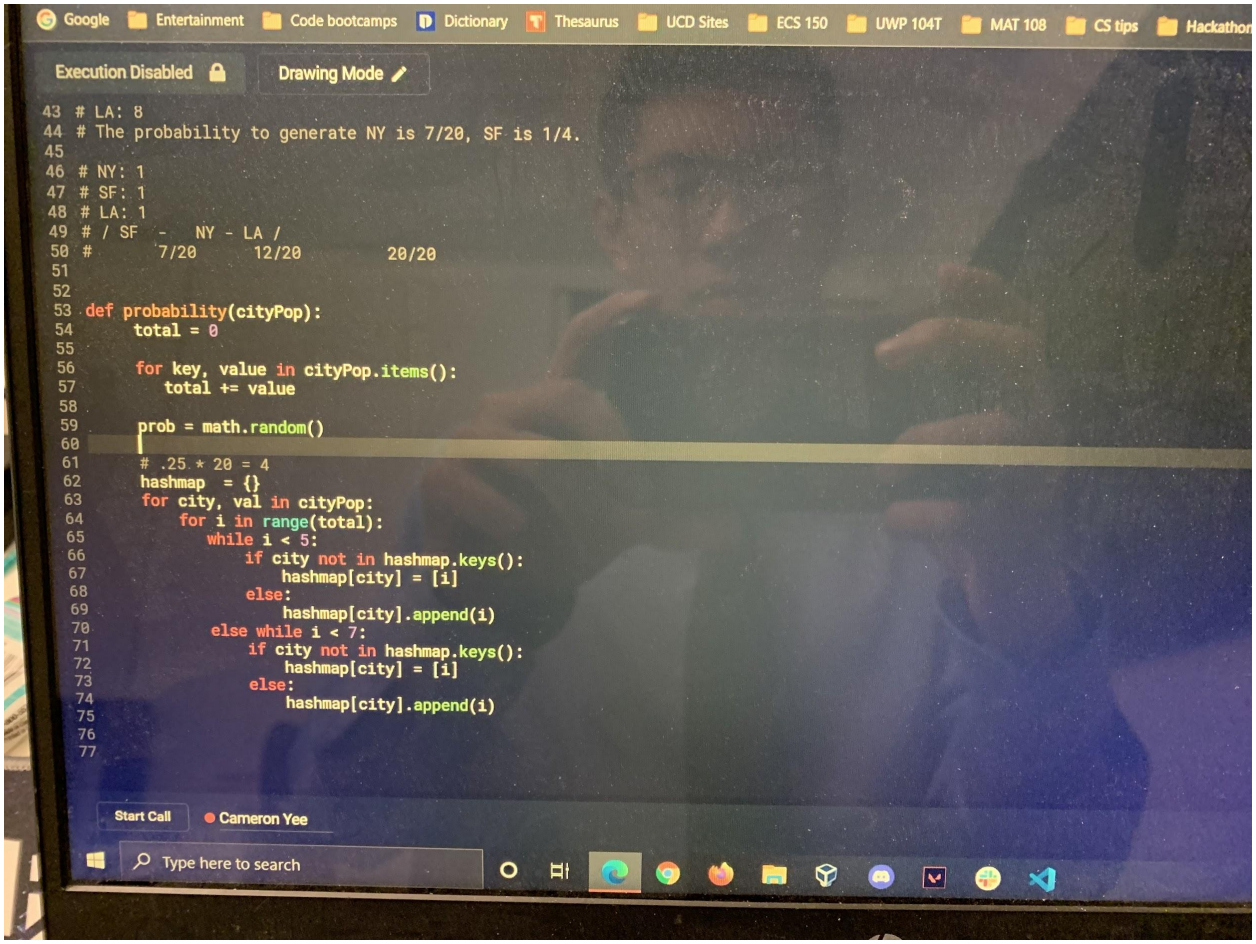
UCD Sites
ECS 150
UWP 104T
MAT 108
CS tips
Hackathon
Job Profiles
PDFmerger
Oneboard
Other favorites
Execution Disabled
Drawing Mode
Info
Python 3
The input is a string which contains open and/or close parentheses. Find the minimum number of parentheses needed to be added in order to balance the input string.
Input: (((Output: 3
Input: ()) Output: 1
))((
(())
))((
(())
openCount = 0
closeCount = 0
# Input:)(
def addParens(parensString):
openCount = 0
closeCount = 0
if len(parensString) == 0:
return 0
for c in parensString:
if c == '(':
openCount += 1
elif c == ')' and openCount == 0:
closeCount += 1
elif c == ')' and openCount > 0:
openCount -= 1
return (closeCount + openCount)
Meta
Start Call
Cameron Yee
Feedback
Settings
Type here to search
3:23 PM
12/2/2021


Learning Python and Leetcode -
New Year Gift - Curated List of T
Home | Facebook Recruiting
Python 3 | CoderPad
(Updated) Cameron Yee Resume
https://app.coderpad.io/YDHT9CAN
Execution Disabled
Drawing Mode
Info
Python 3
# Given a list of city names and their corresponding populations, write a program to output a random city name subject to the following constraint: the probability of the program to output a city's name is based on its population divided by the sum of all cities' population. Assume the program will be repeatedly called many times.
# For example:
# NY: 7
# SF: 5
# LA: 8
# The probability to generate NY is 7/20, SF is 1/4.
# NY: 1
# SF: 1
# LA: 1
# / SF - NY - LA /
# 7/20 12/20 20/20
def probability(cityPop):
total = 0
for key, value in cityPop.items():
total += value
prob = math.random()
# .25 * 20 = 4
hashmap = {}
for city, val in cityPop:
for i in range(total):
while i < 5:
if city not in hashmap.keys():
hashmap[city] = [i]
else:
hashmap[city].append(i)
else while i < 7:
Meta
Start Call
Cameron Yee
Feedback
Settings
Type here to search
3:23 PM
12/2/2021



Good evening Carolina,
Thank you for reaching out and yes, I am still interested!
1. My expected graduation date is June 2023 and I will be graduating with a Bachelor's Degree. 2. I have not interviewed with Facebook before.3. I will be having a final interview with Gap Inc. as a Software Engineering Intern on November 18 and I am anticipating an offer from Principal as a Software Engineering Intern around November 22. 4. Yes, I am eligible for an internship role at Facebook. 5. I would love to be a part of building the Metaverse. I know that's a big part of Facebook where it focuses on connections and bringing people together and I want to be a part of that. Other than that, I would love to work on any Front End or Back End projects.

First Round Interviewer: Kefei Lu

- he likes machine learning
- he used to work for microsoft
- his profile picture is a dolphin because he went to university of miami
- acceleration team
    - py torch?

Questions to ask

- I know facebook hires a lot of generalists for software engineers so what does the team-matching process look like?
-
- so i did some research before and I saw that you worked at Microsoft for Machine learning. What encouraged or motivated you to switch to facebook?
    - and how has that impacted you?
- get personal and see what he says about himself in the beginning and build off of that
-
- What are some challenges that past interns have faced?
    - their technical skills
- What do you expect to see from a newly hired intern?
    - self motivation and self drive and their ability to push to learn new things
    - and then say “i have shown those qualities when I was a Full Stack Developer at Oneboard. One time, …”
- What's the company culture like?
    - Is it exactly like how you expected it to be?
- What do you enjoy most about what you do?
- What is one project that you really liked working on?

Thank you email

- Good evening Mr. Lu,
- Thank you again for taking the time to interview me today. It was nice getting to know more about you and what you do at Meta, talking about what would make a great intern, and sharing my experiences with you! Your work on PyTorch is very inspiring to me as I have worked on my own Python AI project recently where I implemented the Tensorflow.js library to create a smart camera that can detect and identify individuals.
- In addition, you mentioned how motivated and self-driven a successful intern would be and I believe I represent those qualities. My Software Engineering experience started less than 2 years ago and I've already pushed myself far enough to get my first Full Stack Developer role at Oneboard. I also emphasized my ability to quickly adapt and learn new technologies in a short amount of time due to my ambitious nature: I was assigned a React.js project even though I was not under the qualifications for my role at the company. Instead of expressing concern, I took it upon myself to learn React.js from scratch and combine it with Google Firebase in order to finish my next project in under a week. I also believe that I demonstrated my ability to learn under time pressure today and to present a working solution. So, I do believe that my self-drive and motivation to learn would make me a great fit at Meta and I will always continue to push myself.
- Thank you again for taking the time and it was great meeting you!
- Thank you,Cameron Yee

Second thank you message through the portal

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- I just sent you a full email about thanking you for your time and sharing your experiences along with what would make a great intern. Again, I do believe I fit those qualities of being self-motivated with a high ambition to learn and adapt under time pressure. So thank you again for your time and I hope to hear back soon!

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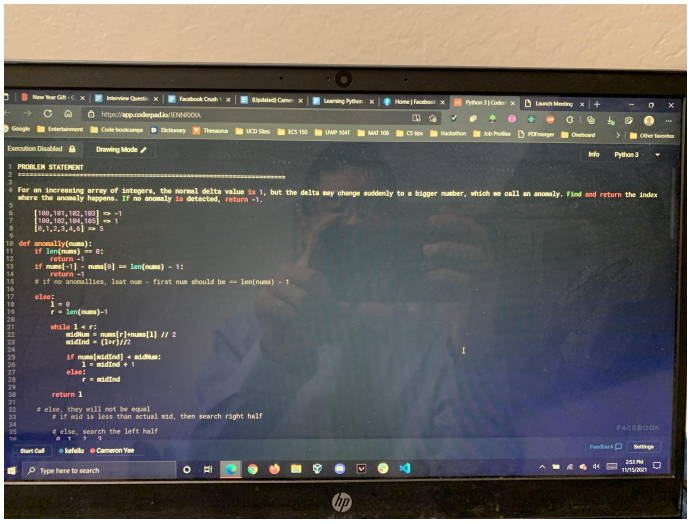
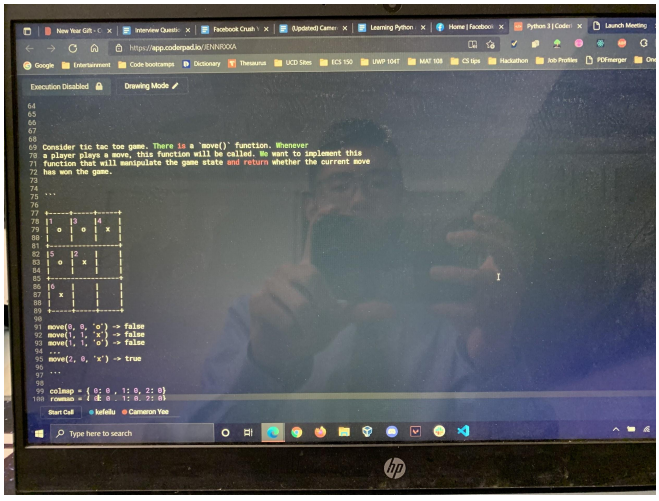
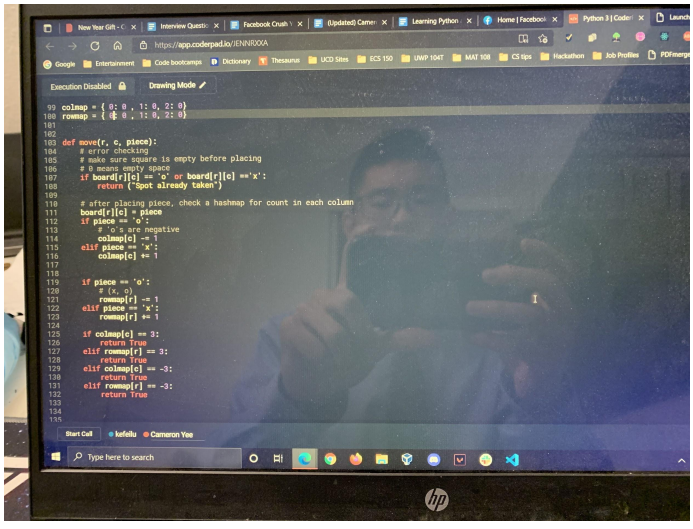
- Thank you,
- Cameron Yee







Check that your computer can run smoothly and fast by warming it up the day before and the day of.

Tips that are good

- for O(1), use hashmaps and counts to keep track of things. Also, operations are O(1)
- COMMUNICATE YOUR THOUGHTS AND YOUR STEPS AND WHAT IS GOING THROUGH YOUR MIND
- ERROR CHECKING
- things that you are using so that they could be passed in as parameters
- if stuck, say the first solution that goes through your mind
- also if stuck, run through some more test cases and maybe that will give you a hint on what to do
- to combat nervousness, just pretend he's your teacher asking you a problem and you gotta give a solution. Be confident and you know all the tools already. you just have to apply it.

- watch that facebook wednesday lecture video to re-familiarize yourself with the process
- run through all of the leetcode problems
-