Vivien Lim

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English/Mandarin

Education

University of Pittsburgh, *08/2023 – present*
Bachelor of Science in Computer Science Minor in Information Sciences — Pittsburgh, PA
Anticipated graduation in Spring of 2026.
- School of Computing and Information.
- Relevant Coursework: Algorithm and Data Structures, Linear Algebra, and Discrete Structures.

CompTIA Security+ (SY0-701), *Online Program* — Present
- 50% Pending Completion.

Montgomery College, *51.00 Credits* — Rockville, MD
- Dual-enrolled Montgomery College in high school.
- 3.67 GPA, Dean's List (Fall of 2021 - Summer of 2022)
- Relevant Coursework: Computer Science I, Calculus I, and Introduction to Statistics.

Skills

Java
2 years of experience, 15+ projects utilizing Eclipse, Notepad, and Visual Studio Code.

Python
1 year of experience, 5+ projects utilizing Jupyter Labs.

C++
1 year of experience, 5+ projects utilizing Visual Studio Code.

Java Academic Projects

Array List Test — 03/2024
- Developed code that tested if two given array lists that contained a word were identical by reading through each array.

Movie Test — 01/2024
- Practiced using data abstraction by implementing wrappers rather than understanding the inner functions.

Word Scramble — 11/2023
- Developed a timed word scramble that required words to be validated in a separate file.

Count Interfaces — 10/2023
- Practiced using increment and decrement through linked lists and arrays to exercise reading through arrays and nodes as well as editing each array/node as needed.

Hackathon Projects

Concert Connect, *Stanford, Tree Hacks 2024*   02/2024
- Developed a website designed for people to connect with others who did not have anyone to attend a concert with.
- Learned and utilized React, TypeScript, and Convex.

NeuroHeal, *Carnegie Mellon University, Tartan Hacks 2024*   02/2024
- Developed a mobile app to guide patients with concussions to a speedy recovery.
- Learned and utilized Flutter and Dart.

Gear'd Up, *University of Pittsburgh, SheInnovates 2024*   01/2024
- Developed a web application to find the nearest POGOH bike stations within Pittsburgh.
- Utilized JavaScript, React, Python, and Visual Studio Code.
- Learned and utilized AWS Amplify and Figma.

Organizations

Chinese American Student Association, *Marketing Chair/Underclassmen Leader*   08/2023 – present
                                                                            Pittsburgh, PA
- Utilize Excel to manage marketing and scheduling posts.
- Guide and manage underclassmen committees.
- Create scripting with Google Documents and CapCut to edit content on all social media forms.

Women in Computer Science, *Co-Vice President, Marketing Chair*   08/2023 – present
                                                                            Pittsburgh, PA
- Developed a website using HTML for the club with features to access social media.
- Creating content for students about coding basics during academic workshops.

Computer Science Club   08/2023 – present
                                                                            Pittsburgh, PA
- Learned about API functions for hackathon prep.
- Utilized GitHub coding practices.

Kappa Theta Pi   01/2024 – present
                                                          Pittsburgh, United States
- A technology co-ed fraternity that works with others to give back to the community and provide helpful opportunities in technology-related interests.
- Networks with sponsors to gain helpful technical advice.

Professional Experience

Celebrate Ability, *Caregiver*   05/2020 – 08/2024
                                                                         Gaithersburg, MD
- Exercised quickness and adaptivity toward abnormal instances, and provided guidance and leadership toward indecisiveness and creativity.

Services for the City Council, *Service provider for Neil Harris*   06/2023 – 12/2023
                                                                         Gaithersburg, MD
- Discussed with the mayor of Gaithersburg, Maryland about various ideas from a youth's perspective while managing donations and information to help distribute sales.

Retail Store, *Sales Associate*   12/2022 – 08/2023
                                                                         Gaithersburg, MD
- Tended to the needs of customers, managed money, and attended to customers at cash registers.