

Gloria Goeun Lee

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EDUCATION

Pomona College | Claremont, CA

B.A. in Computer Science, B.A. in Psychological Science

Expected Graduation May 2024

Cumulative GPA: 4.0

AIT-Budapest | Budapest, Hungary

Study Abroad Program Alumni, Computer Science and Software Engineering

Spring 2023

Relevant Coursework & Conferences: Intro to CS in Python, Discrete Math and Functional Programming, Linear Algebra, Data Structures Advanced Programming, Computer Science for Inquiry, Computer Systems, Algorithms, Design Workshop, Applied Cryptography, Game Engine Programming, Grace Hopper Celebration 2022 & 2023, AWSEM '24

SKILLS

Languages: Python, Java, C, Typescript, CSS, HTML, Sass, JavaScript, Rust, R

Technologies: React, Git, Cypress, Jenkins, Eclipse, Flask, scikit-learn, pandas, Matplotlib, Seaborn

EXPERIENCE

Software Engineer Intern | Chewy

June 2023–August 2023

- Adapted the UI of the new Connect-with-a-Vet (CwaV) flow to match designs and implemented new functionalities, providing pet parents more direct editing access to their pet's information in CwaV
- Contributed to the bug bashing effort for the launch of Focused Consults, a feature offering new pet parents a tailored video consult with a veterinarian and providing them a personalized action plan for their new pet

Teaching Assistant | Pomona College

August 2022–December 2022

- Mentor students for CSCI062: Data Structures Advanced Programming by hosting weekly mentor sessions on object-oriented programming in Java
- Grade weekly coding assignments on Eclipse and run test-cases to check functionality of students' code

Research Assistant | Carnegie Mellon University

May 2022–July 2022

- Interned for 10 weeks at the CyLab Security & Privacy Institute @ Carnegie Mellon University as a visiting research assistant under Professor Birrell from Pomona College
- Investigated user interactions with cookie banners online and the relationship between their consent choices and actual privacy preferences, specifically focusing on the wording of cookie banners and the reference-dependence effect
- Designed 14 realistic cookie banners through OneTrust, developed an experimental website with Flask, cleaned thousands of log records, and created data visualizations with Matplotlib and Seaborn

Undergraduate Summer Intern | MALO

May 2021–July 2021

- Designed social media graphics through Adobe Illustrator, managed the non-profit's website through WordPress, and ran digital marketing campaigns through Google Ad Grants
- Learned about the inner workings of a non-profit, the importance of community organizing, and the significant value and empowerment behind our narratives through interviews with colleagues and mentors

Process Control Intern | Boeing

June 2019–August 2019

- Experimented with curing procedures to see effects on flammability levels of aircraft materials by shifting through different temperature levels, ovens, and lengths of curing time on the Microscale Combustion Calorimeter (MCC)

PUBLICATIONS & PROJECTS

Prospects for Improving Password Selection | *SOUPS 2023*

- Co-authored a paper investigating the role of prospect theory in nudging users to choose stronger passwords
- Published in the Proceedings of the Nineteenth Symposium on Usable Privacy and Security by the USENIX Association. Read the paper [here](#), showcased at SOUPS 2023 from August 6–8, 2023.

Spotify Genre Recognizer | *Python Project*

- Created a web engine using Flask that determines the genre of a Spotify playlist using the random forests algorithm from scikit-learn for classification of data

Find the Bone! Return Home! | *Java Project*

- Developed a 2D game from scratch using Java, pixel art using Piskel, and sound effects using BeepBox

Personal Website | *HTML, CSS, JavaScript Project*

Space & River Ducky | *Rust Project*

- Developed 2D games with Rust, and refactored custom game engine for two smaller games

Deconstructing Stigma Podcast | *Psychological Science Project*

- Co-hosted and created a podcast aiming to deconstructing the stigma surrounding mental health and psychological disorders. Listen to the podcast [here](#).
- Casted two professors from Pomona College to share their experiences living with severe clinical depression and anxiety and discuss their signs, symptoms, and coping strategies.

“Want to Talk About It?” | *Senior Thesis in Psychological Science*

- Reviewed past literature focusing on the cultural frameworks surrounding social support and talking
- Created a new experimental design to investigate the culturally specific function of talking in relieving anxiety and providing support