Caroline Hwang

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Education

Brown University, *ScB Applied Math-Computer Science, AB English*   Providence, RI ♦ Expected Graduation May 2025
- GPA: 4.0/4.0

Stone Ridge School of the Sacred Heart, *High School Diploma*   Bethesda, MD ♦ June 2021
- GPA: 4.4/4.0
- Cum Laude Society, Academic Highest Honors

Programming Experience

US Government Accountability Office, *Innovation Lab Data Science Intern* Washington, DC ♦ June 2023-August 2023
- Collaborated with GAO's senior data scientists and other agency officials on projects researching how to utilize emerging science and technologies to benefit GAO and Congress
- Developed data processing scripts in R and Python in order to create an analytically rich dashboard with findings from GAO's annual employee experience survey
- Managed and organized GAO's database and wrote Shell scripts to assist with uploading local files

Brown University, *Teaching Assistant*   Providence, RI ♦ August 2022-Present
- Assisted with CSCI0150: Object-Oriented Programming (Fall 2022), CSCI0200: Program Design with Data Structures and Algorithms (Spring 2023/2024), and MATH0100: Single Variable Calculus Part II (Fall 2023)
- Coordinate with the professor and other TAs to prepare course materials, such as project handouts and workshops, and adapt to student feedback for some of Brown's largest introductory sources
- Facilitate labs, hold office hours, and grade assignments, providing constructive feedback and encouragement
- Serve as a mentor to students whom I help with the transition into college and the Computer Science and Mathematics departments by being an approachable and supportive resource

Kode With Klossy, *Instructor Assistant*   Virtual ♦ May 2022-August 2022
- Empowered and advised campers by hosting office hours and "code-alongs" as they learned to code in Swift and build mobile applications in XCode
- Developed and led activities such as opening circles and "brain breaks" to stimulate and connect with campers
- Collaborated with a team of ten other instructor assistants to evaluate best teaching practices and day-to-day technicalities for over a hundred campers

Further Work Experience

Brown University, *Sciences Library Circulation Desk Student Worker*   Providence, RI ♦ October 2021-Present
- Operate the library's circulation desk by assisting patrons with books and questions related to library resources
- Efficiently page, shelve, and organize books and utilized specialized computer systems to update library inventory

Ben & Jerry's, *Shift Lead*   Rockville, MD ♦ September 2019-August 2022
- Greeted customers, quickly and precisely took and fulfilled their orders, and rung them up
- Maintained a clean interior and exterior of the store while baking and decorating various goods

Skills & Interest

Languages: English (native), Spanish (basic)
Technical skills: HTML, CSS, JavaScript, Java, Python, R, C, TypeScript, React, Jest, Bash, Shell, OCaml, x86-64, Swift**,** AWS, GitHub, VS Code, Linux, Microsoft Word/Excel/PowerPoint, Adobe Photoshop/InDesign/After Effects
Relevant Coursework: Object-Oriented Programming, Program Design with Data Structures and Algorithms, Discrete Structures and Probability, Introduction to Computer Systems, Introduction to Software Engineering, Compilers and Program Analysis, Deterministic Models, Differential Equations, Statistical Inference
Interests: Crosswording, reading fiction, hiking with my dog, watching baking shows, crocheting, and creating playlists