

Bradley Chester

📍 San Diego, CA ✉ bradleychester102@gmail.com ☎ (619) 379-8902 in bradley-chester 🔗 bchester102

Education

- BS** **University of California, San Diego**, Computer Science Oct 2020 – June 2024
- GPA: 3.6
 - **Coursework:** Computer Science Education, Software Engineering, Computer Architecture, Computer Graphics, Operating Systems
 - **Awards:** Chancellor's Scholar, Provost Honors

Skills

Languages: C, C++, Python

Tools: Visual Studio, Linux, Github, STM8 SPL, Raspberry Pi, GDB

Certifications: Amateur Radio Technician License

Experience

- ZUM Radio**, Software Developer San Diego, CA
July 2023 – Sept 2023
2 months
- Developed firmware in C for a custom STM8 board
 - Saved company thousands of dollars by moving from a proprietary compiler to an open source compiler
 - Designed and implemented custom data transfer protocol based on I2C between microprocessor and Raspberry Pi
 - Investigated bugs using oscilloscopes and fixed hardware problems with soldering
 - Used Github to keep track of changes and daily progress
- University of California, San Diego**, ENG 15 Tutor/Reader San Diego, CA
Oct 2022 – Dec 2022
2 months
- Ran office hour style discussion sessions and supported students in their learning
 - Graded assignments in a timely matter, making sure good feedback was given on student's work
 - Kept open communication with students via email and canvas inbox for any questions and concerns
- University of California, San Diego**, Student Mentor San Diego, CA
July 2022 – Sept 2022
2 months
- Mentored a group of six students, in charge of guiding them on what it's like to be a Computer Science student at UCSD
 - Worked lab hours where I helped students with introductory CS lab assignments and later on students' personal projects
 - Built a sense of community among incoming students to UCSD in order to promote a sense of belonging
- University of California, San Diego**, Student Tutor San Diego, CA
Apr 2021 – June 2021
2 months
- Created and presented workshops to teach high schoolers introductory Computer Science topics
 - Hosted review sessions for AP CS A students
 - Developed curriculum to introduce K-12 students to Python