CHERYL CHEN

San Francisco, CA | cherylhc@uci.edu | cherylchen.tech

EDUCATION

University of California, Irvine   *2021 - Present*

Major: *Computer Science, B.S.* | GPA: 3.98 | Expected Graduation: June 2025

- **Relevant Coursework:** Intermediate Programming; Programming in C/C++ as a Second Language; Programming in Java as a Second Language; Data Structure Implementation and Analysis; Design & Analysis of Algorithms; Discrete Mathematics; Boolean Logic and Discrete Structures; Probability and Statistics for CS; Linear Algebra; Human Computer Interaction; User Interaction Software; Introductory Computer Organization
- **Achievements:** Dean's Honor List (Fall 2021, Winter 2022, Spring 2022, Fall 2022); Tarkovsky Prize (placed first in essay contest hosted by San Francisco Art & Film)
- **Technical Skills:** Python, C++, HTML and CSS, Bootstrap, Figma, Git/GitHub, Java, JavaScript/Typescript, Angular
- **Extracurriculars:** Women in ICS Club (community outreach committee)**,** VenusHacks organizer (corporate committee), Guitar

RELEVANT EXPERIENCE

Community Outreach Committee Member - Irvine, CA   *January 2023 - Present*
WICS UCI (Women in Information and Computer Sciences)

- Collaborated with committee members to create curriculum and gather resources geared towards encouraging underrepresented minorities to explore computer science
- Led a HTML and CSS workshop for creating a personal portfolio; Organized the slide presentation, created the template code, presented the slides, and performed a live code along tutorial
- Hosted a professional development workshop for high school girls; Designed and led the team-building activity which encouraged students to use their creativity and presentation skills to construct a technological product and deliver a shark tank pitch
- Currently organizing a conference for high school girls who are interested in pursuing a career in CS

Scientific Computing Intern - *San Francisco, CA*   *July 2022 - December 2022*
California Academy of Sciences

- Worked on a citations finder program that scans research papers for specimen citations in order to measure the scientific impact of the museum's collections; Wrote a program that used APIs to find relevant journal titles and ISSNs; Resolved technical design issues and bugs in Python and SQLite while engaging in self-directed learning
- Developed mockups for a collections explorer project aiming to educate the public on the scientific importance of collecting specimens; Currently working on end-to-end pipeline verification, debugging, and documentation for a genomics project focused on gene synteny

Quality Assurance Intern - *Dublin, Ireland*   *June 2022 - August 2022*
Dataships

- User tested software product and recommended improvements to ensure good user experience
- Conducted a competitor's analysis of 30 companies to assist founder in preparing for board meeting
- Performed quality assurance checks for 140 customers to confirm software product was installed properly
- Designed over 20 images and graphics for the company website and blog using Canva
- Compiled a list of marketing contacts for over 1000 companies to assist in advertisement and outreach
- Navigated 8-hour time zone difference and clearly communicated with supervisors and colleagues

VOLUNTEERING

Events Chair - *San Francisco, CA*   *February 2022 - August 2022*
Mission Bit Alumni Leadership Council

- Coordinated with council members to plan events focused on building community, developing professional skills, and promoting inclusivity in tech such as resume reviews and community picnics; Increased enrollment by 20%
- Designed flyers and promoted events on social platforms to an alumni network of 300 people

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Academic Tutor - *San Francisco, CA*   *June 2019 - August 2019*
Read Write Discover
- Provided free summer reading and writing lessons to elementary school students in my community
- Researched appropriate curriculums, organized individualized lessons, & composed student evaluations

PROJECTS

MoneyCap - Budget calculator and financial literacy education GUI using Python, Tkinter, and Matplotlib.

Zotciety - Web application, built with HTML, CSS, Bootstrap, React, and Firebase, that aims to foster the development of social connections through Q&A and fun challenges. Led design of user interface using Figma. Collaborated with a small team and was awarded "Best Beginner Hack" at HackUCI, the largest collegiate hackathon in Orange County.

TextEditor - C++ text editor program with key features including cursor movements, inserting text, and deleting text.