

RELEVANT SKILLS

React, Next.js, jQuery, HTML/CSS, GitHub, Python, JavaScript, Java, R, Bootstrap, Git, debugging and troubleshooting, data analysis and visualization, UI/UX Design, Figma, Project Management

EXPERIENCE

Mission Bit, Lead Front-End Web Development Instructor

January 2024 - August 2024

Bay Area-based non-profit centered around providing free quality coding programs for underrepresented students

- Led dynamic in-person front-end web development (**HTML, CSS, Bootstrap, JavaScript, Figma**) instruction, fostering digital literacy and empowerment while tailoring the curriculum to meet evolving needs
- Led **cross-functional teams** to develop and implement engaging web projects, fostering a culture of continuous improvement through regular progress reviews and problem-solving sessions
- Managed project timelines and student deliverables, ensuring compliance with technical standards for **responsive web applications**
- Conducted weekly progress reviews with stakeholders, identifying and troubleshooting obstacles hindering student success, fostering a culture of problem-solving and continuous improvement

Recurse Center, Programmer

January 2022 - December 2023

- Collaborated with developers to design and implement web development projects, working with technologies like **React**, PostgreSQL, and **Node.js**, and culminating in the creation of [Dryclo](#), [Bog Blog](#), and [Space Invaders](#) (see Projects section)
- Troubleshoot bugs in the open-source Recurse Center presentations codebases (JavaScript/React)
- Facilitated onboarding sessions for new participants, effectively communicating technical concepts to diverse audiences and fostering a collaborative development environment
- Developed a responsive [website](#) to showcase the work of a local Bay Area artist, enhancing their online presence
- Collaborated with client to gather requirements, provide progress updates, and deliver tailored web solutions on time

California Institute of Environmental Studies, Restoration Science Technician

February 2020 - March 2021

- Applied a systems-thinking approach to a rehabilitation project, overseeing the removal of invasive species across 12,000 acres of native island habitat. Worked collaboratively with environmental teams, emphasizing the interconnectedness of ecosystems and communities by addressing long-term impacts on local wildlife and natural resources
- Visualized, analyzed, and modeled extensive vegetation data to support research on the impact of plant variability on island ecosystems
- Authored technical reports detailing data collection and modeling methodologies for project managers

HIGHLIGHTED PROJECTS

[Dryclo](#) – Python – Automated app using weather and messaging APIs to notify users of impending rain and weather conditions

[Bog Blog](#) – JavaScript, Express, Node.js, Nodemon – Mushroom blog that enables users to create, view, and search posts

[Space Invaders](#) – Python – My interpretation of the classic space invaders game

EDUCATION

University of California Davis – Bachelors of Science, Wildlife, Fish, and Conservation Biology

2018

SABBATICAL

Taipei Economic and Cultural Office Ministry of Education, Taipei, Taiwan

November 2022 - September 2023

- Awarded the Huayu Enrichment Scholarship for advanced-level Mandarin studies at National Taiwan Normal University
- Achieved TOCFL Exam Band A Level 2 Intermediate certification in Mandarin fluency for reading, writing, listening, and speaking