Merilyn Kuo

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EDUCATION

University of California, Santa Cruz   October 2020 - December 2023
B.S. in Computer Science and *Technology Information Management (MIS) Minor*
Relevant Courses: Data Structures and Algorithms, Analysis of Algorithms, Applied Machine Learning, Management of Technology, Business Strategy and Information Systems, Database Management Systems, Principles of Computer Systems, Software Engineering
Planned Courses: Distributed Systems

WORK EXPERIENCE

Tech4Good Lab, *Undergraduate Web Development Intern*, UC Santa Cruz   September 2022 - Present
- Using TypeScript, HTML, and CSS to develop responsive and aesthetic Angular components based on UX/UI designs and containers that dynamically update with data stored in Firebase using RxJs for an annotator web application
- Lead web development skill building team of 17+ undergrad students by supporting them in their learning web development, delegating tasks, assessing skill levels/growth, and providing guidance by teaching web development best practices

Clearpol, *Front End Development Intern*, Remote   July 2022 - September 2022
- Used Django, Bootstrap, and Webpacks to provide maintenance and enhancements to a healthcare web application
- Collaborated with developers to revamp the homepage of the website
- Redesigned the browse view, navigation bar, and fixed smaller issues to polish the website's overall user experience
- Developed more functional, appealing, and mobile-friendly features for the user interface

Code Ninjas North San Jose, *Code Instructor*, San Jose, CA   June 2020 - Present
- Teaching and mentoring students ages 5-16 computer science principles in object oriented programming through game development projects in JavaScript or Scratch
- Lead and designed curriculum for supplemental activities and various STEM workshops/camps
- Coordinating center operations such as opening, closing, student check in/out, and classroom organization

Find My Everything, *Technical Intern*, Milpitas, CA   June 2019 - August 2019
- Organized information about the company for the website and updated it with HTML
- Collected and directed product surveys and user research to find what users might want in the current product in deployment

LEADERSHIP EXPERIENCE

GraceHacks, *Logistics Lead*, UC Santa Cruz   Fall 2020 - December 2022
- Coordinated the annual international hybrid hackathon of 70+ participants by securing the venue, leading operations, and obtaining necessary equipment/services
- Planned and collaborated with campus and community organizations to create virtual and in-person learning opportunities for women and non-binary students to get involved with computer science
- Managed finances, sponsored material (monetary and non-monetary), and helped with budgeting for events (food, supplies, prizes, venue equipment, venue fees, and services)

PROJECTS

CacheMe, Mobile App   2023
- Location based social media app created using React Native and Expo, where posts are exclusive to the location they are posted at

EcoBud, Mobile App   2020
- iOS app created using Swift and Xcode to log user's waste and calculates carbon emissions to display user's behavior trends with tips to help them reduce waste

Z Art Studio, Website   2020
- Website created with HTML, CSS, and JavaScript in VS code that displayed information about the art studio, schedule, and featured a moving slideshow gallery of artworks

SKILLS

- *Language Skills:* State Seal of Biliteracy in Mandarin, proficient conversationally
- *Technical Skills:* C/C++, Python, HTML, CSS, JavaScript, TypeScript, Git, Django, Webpacks, React, Figma, Java, Unix, SQL, Angular, Redux/RxJs, Kotlin, Android Studio, React Native, PostgreSQL, Firebase, WebGl, Three.js
- *Soft Skills:* Agile Methodology, Growth Mindset, Analytical Thinking, Problem Solving, Leadership/Teamwork, Collaboration, Detail Oriented, Organization, Strategic Planning, Innovation, Creativity, Taking Initiative Interpersonal Skills