Yue (Steve) Yin

San Diego, CA | yuy045@ucsd.edu | (951)-391-3426 | https://www.linkedin.com/in/yue-yin-b09320217/
Portfolio: https://yuesteveyin.github.io/personal-site/

EDUCATION

B.S. Computer Engineering | UC San Diego   **La Jolla, CA**
GPA: 3.86   **Graduation Date: Jun 2024**
M.S. Computer Science | UC San Diego   **La Jolla, CA**
GPA: 4.0   **Expected Graduation Date: Dec 2025**

EXPERIENCES

Research Corporation for Science Advancement (RCSA)   **Remote**
Lead Software Engineer | Hidden Figure   **Jun 2024 – Sep 2024**
- Developed a website using **Hugo.js**, **HTML**, **CSS** and **JavaScript** to showcase contributions of marginalized scientists.
- Implemented a Markdown-based page-building system to generate profiles, enhancing scalability and content management.
- Built **search functionality** with optimized filtering, enabling users to search by research areas and coursework using **Pagefind.**

Axiom trading   **Remote**
Frontend Engineer | Axiom Trading   **Apr 2024 – Jun 2024**
- Contributed to the frontend development using **React.js**, **HTML**, **CSS**, and **JavaScript**.
- Collaborated with the design team to improve user interface elements and ensure a responsive, intuitive experience across devices
- Enhanced the website's performance and accessibility by optimizing UI components and code efficiency.**.**

Text readability research   **La Jolla, CA**
Researcher   **Oct 2023 -Jan 2024**
- Conduct research on the topic of text redability, analyze how well users read and understand the given webpage
- Utilize javascript to collect and analyze data and information collected, developed a general function involving 50+ factors to quantify and evaluate user engagement on a single website
- Performed researches under the instruction of Professor Thomas A. Powell

UC San Diego Envision Arts and Engineering Maker Studio   **La Jolla, CA**
Lab Assistant   **Oct 2023 – Present**
- Maintaining proper running of the lab equipment, including 3D printer, laser cutting machine, computers, etc.
- Maintaining order in the lab and helped lab users to familiarize the equipment, answering question for ECE 5 student

UC San Diego Triple C   **La Jolla, CA**
Full-Stack Developer   **Aug 2021 – March 2023**
- Collaborated on the Lable Web project, an innovative platform empowering individual artists to showcase, trade, and communicate through artworks, NFTs, and a dynamic blog system.
- Led frontend development using React.js, CSS, HTML, JavaScript, Bootstrap grid, and Flexbox, ensuring responsiveness.
- Designed backend systems, encompassing Python, Django, SQL databases, and web sockets, to ensure seamless functionality and data management.

Tasty Noodle: A Fortune-Telling Site / Noodle Craft, A recipe Crafting site   **La Jolla, CA**
Developer   **Apr 2023 - Jun 2023 / Apr 2023 - Jun 2024,**
- The Tasty Noodle platform, a fortune-telling website leveraging algorithmic noodle drawings to for personalized fortune insights.
- Designed webpage layout and functionality with a strong focus on accessibility (A11Y) principles.
- Assumed full-stack responsibilities for selected pages, encompassing frontend and backend development utilizing CSS, HTML, and JavaScript.
- Later developed into a recipe Crating site using user input and Chatgpt API Call with history storing system

UC San Diego ECE Summer Internship Prep Program   **Remote**
Student Developer, Program Organizer   **Aug 2021 - Oct 2021 / Jul 2022 – Oct 2022**
- Developed A.C.T.S (Automatic Camera Tracking System), a system designed to autonomously track and follow faces in real time.
- As a result of exceptional performance in SIPP 2021, entrusted with the role of designing and leading the UCSD ECE SIPP 2022.
- Spearheaded the software-centric components of the program, curating class materials, assignments, and instructional documents.
- Intorduced Python, GitHub, and introduced fundamental machine learning and computer vision concepts to 100+ students.
- Delivered live lectures, conducted office hours, collaborated with fellow lecturers to strategically coordinate program activities.

KEY SKILLS

Programming Languages (Java, Python, C, C++)	**Web Development** (HTML, CSS, JavaScript, React)
Version Control (Git, GitHub, GitLab)	**Fluent Languages** (Mandarin, English)
Computer Vision & Machine Learning	**Administrative skills**