

Sherilyn Kuo

Redwood City, CA | sherilynkuo@gmail.com | (650) 430 5184 | : sherilynkuo

Prospective software engineer building profitable side-projects with some internship experience. Experience being productive and working in larger teams. Looking to return to industry, learn a lot, and grow fast as a junior engineer.

Personal Projects

BookBloom

Personal Business

Sep. '23 – Present

Redwood Shores, CA

- Built a social reading site in React and TypeScript to share and discuss books while tracking reading habits.
- Wrote server using Node.js, Fastify, and PostgreSQL, implementing auth, an API, and Discord integration.

MIPS CPU Design

Personal Project

May '22 – June '22

La Jolla, CA

- Collaborated with 2 team members to design our own RISC computer with a minimal instruction set.
- Wrote the ALU in SystemVerilog. Ran Assembly on it to efficiently calculate parity for error checking RAM.
- Extended the design with an LFSR to implement SHA hashing for bitcoin mining. Ran the model on an FPGA.

Recipe Finder

Class Project

Sep. '21 – Dec. '21

La Jolla, CA

- Worked as a Team Lead of a team of 11 to build a recipe finder app. Wrote HTML and CSS for the UI.
- Practiced agile and waterfall, learning how they can help and harm communication and progress.

Experience

Vice President of Engagement

CS ForEach

May '22 – May '23

La Jolla, CA

- Responsible for coordinating events, socials, and leadership summits for one of the largest CS clubs at UCSD.
- Planned, organized, and hosted 2 weekly team bonding events (avg 11+ attendees), improving engagement.
- Spearheaded preparations for two 3+ hour club-wide Leadership Summits for 40+ participants.

Marketing and Public Relations Intern

JoinedApp

June '19 – Aug. '19

Palo Alto, CA

- Collected and analyzed Web metrics, such as visits, time on site, page views per visit, transaction volume and revenue, traffic mix, click-through rates, conversion rates, cost per acquisition, or cost per click.
- Set up and optimized analytics tools in Python for tracking visitors' behaviors. Guided, crafted, and curated a marketing and social media campaign to promote the startup and its latest flagship product.

Skills

Languages Java, Python, C++, TypeScript, SQL, HTML, CSS, Javascript, SystemVerilog

Technologies PostgreSQL, Fastify, React, Node.js, REST APIs, WebSockets, FGPAs

Skills SEO, Marketing, Analytics, Agile, Team Communication, Source control Management (Git), Object Oriented Design

Education

University of California, San Diego

Bachelors of Science, Computer Science '23

Sep. '20 – Mar. '23

La Jolla, CA

Cañada College

GPA 3.84 / 4.0 | Dean's List every semester | SMCCD Foundation Scholarship

Aug. '17 – June '20

Redwood City, CA