Xin Sheng

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SUMMARY STATEMENT

UCSD Math-Computer Science student and full-stack software engineer experienced in C++, React.js, data structure, and algorithm. Experienced in software design and engineering in both the industry and academic environments. Currently looking for summer internship in software engineering and development.

SKILLS

Programming: C++, JavaScript, HTML, CSS, Java, Python, C, LaTeX
Technologies: React.js, Express.js, MongoDB, Git, Markdown, Adobe XD, Node.js, WordPress, Bootstrap
Soft Skills: Collaboration, Communication, Detail-oriented, Problem-solving, Leadership

EDUCATION

University of California San Diego   Expected June 2023
B.S. in Mathematics-Computer Science (Minor: Cognitive Science)   **Current GPA: 3.97**

- **Relevant Coursework:** Software Engineering, Data Structure, Computer Organiz&Systems Progr, Design and Analysis of Algorithms, Theory of Computation, Operating Systm, Artificial Intelligence, Data Sci, Digital Systems

WORK EXPERIENCE

Listening to Waves | San Diego, California   January 2022 – Present
Software Engineer

- Collaborated on full-stack development of three sound visualization web app projects in **React.js** for professor Victor Minces under Dept. of Cognitive Science at UCSD. ([Link](#))

- Directed research on audio editing and visualizing features in various software design patterns. Provided 5+ fundamental features in multiple products, and 20+ bug fixes.

OmniSync Incorporated | San Diego, California   June 2021 – February 2022
Software Developer

- Administered the company's landing website development from initial design to completion using **React.js**. Accomplished as the primary website for customers by assisting communication across 4 company products. ([Link](#))

- Achieved the web interface that brings the company's searching technology from customer-only to the public in **Next.js**, **Material UI**, and **Elastic**.

- Communicated with business, design, and dev teams on daily basis for product features and enhancements.

- Improved the code structure and maintainability of 3 company software by 20%.

EXTRACURRICULAR ACTIVITIES

Chinese Computer Community at UCSD   October 2020 – Present
Full-stack Tech Lead

- Organized full-stack technical research and development of an apartment rating website with **React.js**, **Flask**, and **PostgreSQL**. Regulated weekly technical meetings in an 11-people team.

- Established complete web dev service to Fan-Fan Restaurant in San Diego, and boosted the restaurant's online branding effectiveness by 20%. Communicated with the client on regular basis for product requirements. ([Link](#))

- Independently developed a dynamic website for social interaction on a special event. Applied numerous web dev and design skills into practice. ([Link](#))

Olive U: Recipe Manager Web Application   September 2021 – December 2021
Full-stack Developer

- Facilitated competitor analysis and UI/UX design of a dynamic recipe manager SPA in a 10-people team, following Agile development workflow in **GitHub**. ([Link](#))

- Directed engineering on 10+ core functionalities, including Google OAuth, database schema, file transfer using **Fastify**, SPA routing, user system API with **NeDB**, **Glitch** deployment, and quality testing.

- Achieved better performance and features among 50+ competitive products.