

WING NIN CHEUNG “RICKY”

SOFTWARE ENGINEER

(415) 609-2492 rickycheung.dev@gmail.com [LinkedIn](#) [Github](#) [Portfolio](#) Oakland, CA

SKILLS

Programming Languages: JavaScript(ES6+), TypeScript, Python

Frontend Technologies: React, Redux, Next.js, HTML, Tailwind CSS

Backend Technologies: Node.js, Flask, Express.js, SQL, PostgreSQL, MongoDB, Playwright

Tools and Methodologies: RESTful API, OOP, Unit Testing, Agile/Scrum, CI/CD, Jira, SQLAlchemy, Mongoose, AWS, Git, Docker

EXPERIENCE

Full-Stack Engineer Intern

May 2023 - Present

JamsNext

Remote

- Engineer a robust drag-and-drop feature using Next.js, TypeScript, and dnd-kit that allows users to seamlessly rearrange elements, driving a **20% increase** in user engagement.
- Develop and implement an innovative table view feature with JavaScript and Tailwind CSS within the application, enabling users to seamlessly transition between different data representations and providing a more user-centric experience.
- Engage closely with senior developers and UI designers to ensure on-time project delivery, actively participating in code reviews to provide valuable feedback on code quality.

Computer Science Expert AI Trainer

Jun 2023 - Present

Scale AI /Remotasks

Remote

- Analyze and evaluate code by its quality, readability and functionality generated by Scale AI's Large Language Model (LLM) in multiple languages including Python, JavaScript, HTML, SQL and CSS.
- Proactively identify and communicate issues related to syntax, algorithms, runtime, and code explanations, resulting in substantial improvements in performance, accuracy, and overall effectiveness.

PROJECTS

Amasport (JavaScript, React, Redux, Python, Flask, PostgreSQL, Docker, Git, CSS3)

[Live Site](#) | [Github](#)

An Amazon clone app allowing users to browse, review and checkout products

- Designed and engineered a robust RESTful API backend using Python, Flask, SQLAlchemy, and PostgreSQL, enabling efficient data handling, organization, and storage, resulting in a responsive and dynamic shopping experience.
- Improved user experience with redux-thunk middleware to handle asynchronous actions in Redux, such as fetching products data, adding products in carts and submitting reviews without page reloads.
- Integrated a dynamic delivery status feature with useEffect hook in React that adjusts based on the order time of the users, resulting in an improved user experience and demonstrating attention to detail.

Wecord 2.0 (JavaScript, React, Redux, Socket.io, Python, Flask, PostgreSQL, Docker, Git, CSS3)

[Live Site](#) | [Github](#)

A real-time chat app across multiple servers and channels

- Implemented Socket.io-based live chat technology to enable real-time communication across 10+ servers and channels, resolving real-time issues proactively.
- Utilized RESTful APIs and React components for logged-in users, facilitating full CRUD operations on servers, channels, and messages, resulting in a remarkable **25% increase** in user satisfaction.

EDUCATION

Immersive Software Engineering Bootcamp - App Academy, CA

Mar - Aug 2022

- Full-Stack Web Development, Data structures & Algorithms, Databases, OOP, Unit Testing*

B.S in Applied Mathematics, Concentration in Statistics - San Jose State University, San Jose, CA

2016 - 2019