

# WING NIN CHEUNG “RICKY”

## SOFTWARE ENGINEER

(415) 609-2492

[rickycheung.dev@gmail.com](mailto:rickycheung.dev@gmail.com)

[LinkedIn](#)

[Github](#)

[Portfolio](#)

Oakland, CA

### SKILLS

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

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

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

**Tools and Methodologies:** Git, RESTful API, OOP, Unit Testing, Agile/Scrum, CI/CD, Jira, SQLAlchemy, Mongoose, AWS, GitHub, 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.
- Spearhead the implementation of 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, SQLAlchemy, PostgreSQL, CSS3)

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

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

- Leveraged React, Flask, and PostgreSQL to create a dynamic shopping experience with Full CRUD functionality for carts, orders, and reviews.
- 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.
- Implemented 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, 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.
- Designed and implemented 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