

# WING NIN CHEUNG "RICKY"

## SOFTWARE ENGINEER

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[LinkedIn](#)

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[Portfolio](#)

Oakland, CA

### PROFESSIONAL EXPERIENCE

#### Full-Stack Engineer Intern - JamsNext, Remote

May 2023 - Sept 2023

- Engineered a robust drag-and-drop feature using Next.js, TypeScript, and dnd-kit that allowed users to seamlessly rearrange elements, resulting in a **20% increase in conversion rate**.
- Optimized the website for responsiveness and mobile compatibility by implementing responsive design principles using React and Tailwind CSS, resulting in a **10% boost in mobile traffic** with additional **200+** users per week.
- Developed a user-friendly dashboard layout toggle that allowed users to seamlessly switch between layouts while preserving data continuity, resulting in an impressive **85% user satisfaction rate**.

#### Computer Science Expert AI Trainer - Remotasks, Remote

Jun 2023 - Sept 2023

- Analyzed and evaluated code by its quality, readability and functionality generated by Scale AI's Large Language Model in multiple languages, including reviewing and improving hundreds of code snippets.
- Proactively identified and communicated issues related to syntax, algorithms, runtime, and code explanations, contributing to the resolution of over **50 critical issues** and resulting in substantial improvements in performance, accuracy, and overall effectiveness.

### PERSONAL PROJECTS

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

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

An Amazon-clone app that enables users to browse, review and checkout products

- Designed and engineered a robust RESTful 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 engagement**.

### EDUCATION

#### Immersive Software Engineering Program - App Academy, CA

Mar 2022 - Aug 2022

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

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

2016 - 2019

### SKILLS

**Languages:** JavaScript, TypeScript, Python, SQL, HTML, CSS3

**Technologies:** React, Next.js, Node.js, Express.js, Tailwind CSS, Flask, PostgreSQL, MySQL MongoDB, AWS, Docker, OOP, Unit Testing, Agile/Scrum, CI/CD, Jira, Playwright, Git, JSON,

**Soft Skills:** Communication, Teamwork, Adaptability, Time management