

# WING NIN CHEUNG "RICKY"

## SOFTWARE DEVELOPER

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[LinkedIn](#)

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[Portfolio](#)

Oakland, CA

### PROFESSIONAL EXPERIENCE

#### Software Engineer Intern - DataLynn; Remote

Sept 2023 - Present

- Optimize 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 **400+ users** per week.
- Design and implement RESTful APIs using Node.js and Express.js to enhance the front-end's data retrieval and manipulation efficiency to improve the overall user experience, resulting in a **30% reduction** in page load times
- Conduct routine website updates, encompassing content refreshes and proactive bug fixes, resulting in a noteworthy **15% decrease** in user-reported issues.

#### 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.
- Developed a dynamic data presentation feature with TypeScript and Tailwind CSS, resulting in an impressive **90%** user satisfaction rate.
- Engaged proactively in code reviews with Senior Engineers to identify and address critical issues, resulting in a **15% improvement** in overall code quality.

### 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, HTML, CSS

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

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