

# WING NIN (RICKY) CHEUNG

## SOFTWARE ENGINEER

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[Portfolio](#)

[LinkedIn](#)

[Github](#)

San Leandro, CA

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### EDUCATION

**App Academy** - 1000+ hour software engineering bootcamp

Aug 2022

- Full-Stack Web Development, Databases, OOP, Unit Testing

**San Jose State University**

San Jose, CA

Bachelors of Science in Applied Mathematics (Statistics)

May 2019

- Data Structures and Algorithms, Programming Fundamentals: Java, Intro to Programming: C++

### EXPERIENCE

**App Academy**

Remote, US

Module Instructional Assistant, Software Engineering

Jan 2024 - Present

- Facilitate over 30+ code reviews and debugging sessions, contributing to a noticeable improvement in student performance metrics with a **10% increase** and an enhanced overall technical proficiency.
- Provide one-on-one assistance to students with coding exercises and projects, offering guidance on best practices and problem-solving strategies.
- Demonstrate outstanding self-management, and organizational acumen, leading to a significant increase in student engagement and improvement in the effectiveness of weekly meetings and instructional material preparation.

**Scale AI**

Remote, US

Computer Science Expert - AI Training

Jun 2023 - Dec 2023

- Applied **prompt engineering** techniques to optimize AI performance, addressing over **50** critical issues, resulting in significant improvements in accuracy and overall model effectiveness.
- Designed and implemented detailed coding prompts and responses to guide the Large Language Model (LLM) training, promoting the practical application of LLMs in research.

**JamsNext**

Remote, US

Software Engineer Intern

May 2023 - Sept 2023

- Developed the core functionality of a drag-and-drop feature for the frontend using Next.js, Redux, and TypeScript for efficient data management and handling.
- Implemented a user-friendly dashboard layout toggle on the frontend, enabling horizontal and vertical layouts for seamless data continuity and an intuitive interface, achieving an impressive **85% user satisfaction rate**.
- Optimized website accessibility for mobile users by applying responsive design strategies using Tailwind CSS, resulting in an optimized and user-friendly browsing experience.

### PROJECTS

Amasport | JavaScript, React, Redux, Python, Flask, SQLAlchemy, PostgreSQL, Docker, CSS

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

Clone of Amazon.com

- Architected and deployed a dynamic RESTful API backend to enable seamless and efficient user authentication, CRUD operations, and scalable data management using Python, Flask, SQLAlchemy, and PostgreSQL.
- Integrated a dynamic delivery status feature with useEffect hook in React, adapting delivery information to user's order date, resulting in an improved user experience and showcasing a keen eye for detail.
- Enhanced user experience with Redux Thunk middleware to handle asynchronous actions, including fetching product data, manipulating items in carts, and submitting reviews without requiring page reloads.

### SKILLS

Javascript, TypeScript, React, Python, Node.js, Flask, Express.js, SQL, AWS S3, HTML5, CSS3, Docker, SCRUM, Agile, GitHub, Git, Playwright