

WING NIN (RICKY) CHEUNG

SOFTWARE ENGINEER

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[Portfolio](#)

[LinkedIn](#)

[Github](#)

San Leandro, CA

SKILLS

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

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.

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++

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.