

WING NIN CHEUNG “RICKY”

SOFTWARE ENGINEER

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[LinkedIn](#)

[Github](#)

[Portfolio](#)

Oakland, CA

SKILLS

- JavaScript | TypeScript | Python | SQL | HTML | CSS
- React | Flask | Express.js | Node.js | Next.js | Tailwind CSS | Postgres | MySQL | MongoDB | AWS
- WebSocket | Docker | Agile/Scrum | CI/CD | Playwright | Mocha | Git | JSON

EXPERIENCE

Computer Science Expert - AI Training - Scale AI, Remote, US

Jun 2023 - Dec 2023

- Developed AI Training Content: Created detailed coding prompts and responses to guide AI learning, ensuring the models reflect a comprehensive understanding of various programming languages.
- Optimized AI Performance: Evaluated and ranked AI responses to enhance the model's accuracy in coding contexts, resolving over **50 critical issues** and resulting in substantial improvements in performance and overall effectiveness.

Full-Stack Engineer Intern - JamsNext, Remote, US

May 2023 - Sept 2023

- Engineered a robust drag-and-drop feature for the frontend using Next.js, Redux and TypeScript, leveraging React's component architecture to empower users to rearrange elements and achieve a notable **20%** increase in conversion rate.
- Optimized website accessibility for mobile users by applying responsive design strategies using Tailwind CSS, resulting in an optimized and user-friendly browsing experience.
- Implemented an advanced dashboard layout toggle on the frontend, ensuring seamless data continuity and delivering an intuitive user interface, resulting in an outstanding **85%** user satisfaction rate.

Business Analyst - GCL New Energy via Robert Half, San Ramon, CA, US

Aug 2019 - Jan 2022

- Demonstrated strong customer service skills by liaising directly with stakeholders to understand their technical requirements, addressing inquiries, and resolving technical issues efficiently, fostering productive working relationships.
- Conducted comprehensive analysis of production data using advanced Excel functions such as Pivot Tables and VLOOKUP, ensuring the accuracy and integrity of operational performance data.

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, as well as leave reviews.

- Designed and engineered a robust RESTful backend using Python, Flask, SQLAlchemy, and PostgreSQL to enable efficient user authentication, efficient data handling 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 adjusted based on the order time of the users, resulting in **an improved user experience** and demonstrating attention to detail.

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

- Relevant Coursework: Programming Fundamentals: Java, Introduction to Data Structures