WING NIN (RICKY) CHEUNG
SOFTWARE ENGINEER

(415) 609-2492   rickycheung.dev@email.com   [Portfolio](#)   [LinkedIn](#)   [Github](#)   Oakland, CA

SKILLS

Javascript, TypeScript, React, Next.js, Python, Node.js, Flask, Express.js, SQL, AWS, HTML5, CSS3, Postgres, Docker, SCRUM/ Agile, Git, Playwright, Mocha

EXPERIENCE

App Academy   **Remote, US**
Module Assistant, Software Engineering   *Jan 2024 - Present*
- Lead performance optimization workshops for our software engineers, resulting in a **15% decrease** in page load times.
- Assist in revamping our course curriculum by updating materials from React Router version 5 to reflect the latest features of React Router version 6.
- Facilitate over 100 code reviews and debugging sessions, pinpointing and rectifying logic errors, resulting in a **10% increase** in students' scores on coding assessments.

Scale AI   **Remote, US**
Computer Science Expert - AI Training   *Jun 2023 - Dec 2023*
- Identified and rectified over 50 bugs in AI-generated scripts through meticulous code revisions and debugging, resulting in improved operational stability and efficiency
- Developed and implemented coding scripts with logical reasoning, demonstrating ideal response patterns to AI models and boosting their interpretative capabilities.
- Evaluated a series of computer science-related responses generated by a generative AI model, providing detailed feedback to refine and enhance the model's output.

JamsNext   **Remote, US**
Software Engineer Intern   *May 2023 - Sept 2023*
- Developed core functionality for a drag-and-drop feature using Next.js, Redux, and TypeScript, leading to efficient data management.
- Implemented a dashboard layout toggle feature, achieving an **92% user satisfaction rate** for enhanced user experience.
- Enhanced mobile website accessibility with responsive design strategies using Tailwind CSS, resulting in a user-friendly browsing experience.

EDUCATION

App Academy (1000+ hour software engineering bootcamp)   **Remote, US**
- *Full-Stack Web Development, Data Structures and Algorithms, Database Management, OOP*   *Aug 2022*

San Jose State University   **San Jose, CA**
Bachelors of Science in Applied Mathematics (Statistics)   *May 2019*
- *Relevant coursework: Programming Fundamentals: Java, Intro to Programming: C++*

PROJECTS

EmoTunes - An Emotion-Based Music Player (TypeScript, React, Python, Flask, Tailwind CSS)   [Github](#)
- Implemented a Python backend with Flask to handle data processing, API interactions, and management of machine learning models for emotion detection.
- Integrated DeepFace for real-time facial emotion recognition, achieving high accuracy in identifying users' emotional states through webcam input.
- Established a music recommendation engine by integrating with the Spotify API, tailoring music selection to user emotions.