YiChun (Jing) Chen

San Jose, CA | 669-308-5071 | jingchenyc@gmail.com | github.com/jingchenyc | www.linkedin.com/in/yi-chun-chen-tw

Education

Northeastern University   09/2024 – 06/2026
MS, Information Systems   San Jose, CA
- Coursework: Application Engineering and Development (Java), Web Design and User Experience Engineering (JavaScript / React.js)

National Taiwan University   09/2016 – 06/2020
B.B.A, Accounting   Taipei, TW
- Coursework: Programming for Business Computing (Python), Introduction to Computer Science

Skills

- **Programming Languages**: Java, JavaScript, Python, PHP
- **Data Management**: SQL, NoSQL, MongoDB
- **Web Development**: Spring Boot, Laravel, HTML/CSS, Express.js, React.js, Node.js, Bootstrap, API, Figma
- **Technology**: AWS, Cypress, Docker, Git, Jira, Kubernetes, PowerShell

Work Experience

Firewall Enterprise   2/2024 – 08/2024
Software Engineer (Backend Team)
- Developed and maintained backend APIs using PHP and the Laravel framework, ensuring robust and scalable web services
- Implemented new features and system enhancements based on business requirements, leading to measurable improvements in system functionality and overall performance
- Ensured backend application reliability through continuous maintenance, optimization, and comprehensive debugging processes
- Collaborated with front-end developers and other team members to define, design, and ship new features in an agile development environment

Taiwan External Trade Development Council   05/2021 – 07/2022
Accounting Specialist
- Achieved 60% time savings by implementing Python for automated scripts to replace manual recording processes, increasing operational efficiency
- Tested and evaluated a new financial system, contributing to UI/UX meetings to enhance the user experience
- Collated the issues with the engineering team, providing detailed feedback to facilitate timely resolutions and system improvements
- Collaborated with cross-functional teams to integrate new features and optimize existing workflows, leveraging technical expertise to streamline processes and improve system functionality

Selective Projects

Instagram Full-Stack Clone - JavaScript / React.js / MongoDB / RESTfulAPI / Testing / Git   06/2024
- Developed full-stack features such as user registration, profile management, dynamic posts, media uploads, and social interactions, maintaining 80% test coverage using Jest, Supertest, and Cypress
- Spearheaded a resilient Express.js/MongoDB RESTful API with real-time updates and JWT session management

Amazon Full-Stack Clone - JavaScript / Node.js / React.js / Express.js / Bash / Firebase / Stripe API / Git   06/2024
- Integrated checkout, payment, and user authentication with real-time Firebase database features for an e-commerce platform, enhancing functionality, including developing efficient cart functionality and optimizing product handling for users

Tutor Web Application - Java / Spring Boot / SQL Server / JavaScript / RESTfulAPI / Git   01/2023
- Developed a full-stack web application for accessing online learning resources and facilitating online tutoring sessions
- Architected the backend with Java, Spring Boot, and SQL Server to ensure robust data management and efficient transaction processing

Certification

CodePath Web Development - React.js / RESTfulAPI / Database   09/2024