

YiChun (Jing) Chen

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Education

Northeastern University	09/2024 – 06/2026
MSc, Information Systems (GPA: 4.0/4.0)	San Jose, CA
National Taiwan University	09/2016 – 06/2020
B.B.A, Accounting	Taipei, Taiwan

Skills

- Programming Languages: Java, JavaScript, Python, PHP
- Data Management: SQL, NoSQL, MongoDB, PostgreSQL
- Web Development: Django, Spring Boot, Laravel, HTML/CSS, Express.js, React, Node.js, Bootstrap, RESTful API, Figma
- Technology: AWS, Cypress, Docker, Git, Jira, Kubernetes, PowerShell
- Leadership - Communicator at International Companions for Learning Program, Ministry of Education

Work Experience

Firewall Enterprise	11/2023 – 08/2024
Software Engineer (Backend Team)	Remote
<ul style="list-style-type: none">• Implemented over 50 APIs using PHP, Laravel, and MySQL, including user authentication, real-time notifications, and data synchronization, within an Agile framework, resulting in the launch of key features that boosted user engagement by 15%• Increased data retrieval efficiency by 25% in a Laravel-based system by leveraging Redis for caching, optimizing SQL queries, and refining database indexing and schema design, leading to improved system performance and a better user experience• Led the integration of NewwebPay API for automated payment processing, reducing manual invoicing workload by 95% and saving over 15 man-hours per week, significantly enhancing operational efficiency• Delivered 5+ business-critical solutions aligned with strategic goals, enhancing product offerings, improving customer satisfaction, and driving a 10% increase in revenue within six months	
Taiwan External Trade Development Council	05/2021 – 07/2022
Accounting Specialist	Taipei, Taiwan
<ul style="list-style-type: none">• Achieved 60% time savings spent on repetitive tasks by automating a manual data recording process using Python scripts	
Ernst & Young	07/2018 – 08/2018
EY Academy Intern	Taipei, Taiwan
<ul style="list-style-type: none">• Conducted auditing practice reviews, analyzing and correcting over 1,000 financial transaction records, ensuring 100% compliance with regulatory standards, enhancing client trust through detailed financial reconciliations	

Volunteering

Software Developer, American Technology Initiative	2024
<ul style="list-style-type: none">• Built the first iteration of the Member Platform using Python, Django, and PostgreSQL, establishing the foundational architecture for the organization's core product	

Projects

Instagram Full-Stack Clone - JavaScript / React.js / MongoDB / RESTful API / Testing / Git	06/2024
<ul style="list-style-type: none">• 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
<ul style="list-style-type: none">• 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 / RESTful API / Git	01/2023
<ul style="list-style-type: none">• 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 system	