

Yushi Cui

Software Engineer Intern

Auckland, New Zealand

realYushi@gmail.com

GitHub

LeetCode

Visa Status: Permanent Resident -  
No visa sponsorship required

Skills

Database & Cloud

MongoDB, SQL Server, Azure, Firebase

Languages & Frameworks

Python, JavaScript, TypeScript, C#,  
Vue.js, React, Node.js, .NET Core

Tools & DevOps

Git, Docker, GitHub Actions, Tailwind  
CSS, Vitest

Professional

Agile, System Design, Team  
Collaboration

Languages

English


Professional working proficiency


Chinese (Mandarin)

Native speaker

A third-year Computer Science student with professional internship experience in full-stack development. Successfully delivered production-grade solutions at HALO Systems while maintaining top academic performance. Combines strong foundation in modern web technologies (Vue.js, TypeScript, Python) with practical system design skills. Passionate about building efficient, user-focused applications through continuous learning and hands-on development.

Profiles

 [realYushi](#)

 [yushi-cui-6043aa285](#)

Experience

HALO Systems by Tag IT

December 2024 - February 2025

Software Engineer Intern

Auckland, New Zealand

- Engineered and deployed a production-grade HMI Dashboard using Vue.js and TypeScript, enabling real-time monitoring of agricultural effluent systems
- Implemented geospatial visualization using Mapbox and GeoJSON, providing farmers with intuitive, map-based sensor data monitoring
- Improved dashboard performance by 40% through implementation of client-side data filtering and optimization
- Developed a reusable SVG-based HMI component library, reducing development time for similar projects by 60%
- Architected Python backend services for efficient real-time sensor data processing, handling data from multiple farm locations

Costas Taverna Greek Restaurant

June 2019 - November 2022

Chef De Partie

Auckland, New Zealand

- Led a team of 5 kitchen staff, managing high-pressure operations and ensuring quality control
- Improved kitchen efficiency by 25% through implementation of new workflow processes
- Demonstrated strong leadership and problem-solving skills in a fast-paced environment

Education


Auckland University of Technology

July 2023 - July 2026 (Expected)

Bachelor of Computer and Information Sciences

Computer Science

GPA: 7.75/9.0

 [Official Transcript](#)


Third-year Computer Science student maintaining top academic performance while gaining practical industry experience.

Projects

Full-Stack Todo List Application

Personal Project

Comprehensive task management system with modern UI and automated deployment

 [GitHub](#)


- Independently designed and developed a comprehensive task management system with modern, responsive UI using React and TypeScript with Tailwind CSS
- Built robust backend services using .NET Core and EF Core with SQL Server
- Established automated deployment pipeline using GitHub Actions and Azure services
- Achieved 99.9% API uptime through Azure integration and reduced deployment time by 70% via CI/CD implementation

React, TypeScript, Tailwind CSS, .NET Core, EF Core, SQL Server, GitHub Actions, Azure

My Recipe Book: Full Stack Web App

Personal Project

Full-stack recipe management application with web scraping and rich text editing

 [GitHub](#)

- Developed a full-stack recipe management application using React Router, Node.js (Express.js), and MongoDB
- Implemented web scraping functionality with Puppeteer to automatically import ingredients from external websites
- Designed and built a modern, responsive UI using React Router, Tailwind CSS, and Radix UI
- Integrated a rich text editor (Milkdown) for detailed recipe instructions and enabled image export of recipe cards
- Containerized the entire application using Docker and Docker Compose for streamlined development and deployment
- Established robust authentication using Firebase and a comprehensive test suite with Vitest

React, Node.js, Express.js, MongoDB, Puppeteer, Tailwind CSS, Radix UI, Docker, Firebase, Vitest

Certifications

Microsoft Azure AI Fundamentals (AI-900)

2024

Microsoft

Foundational knowledge of AI and machine learning concepts on Azure platform

Interests

Technology & Professional Development

Software Development, Emerging Technologies, Best Practices

Culinary Arts

Creative Problem-Solving, Precision, Leadership

Problem Solving

Coding Challenges, Technical Workshops, LeetCode

Continuous Learning

Cloud Computing, Software Architecture, Certifications