

Wangxun Wang

Part 4 Software Engineering Student

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Profile

Motivated final-year Software Engineering student at the University of Auckland with strong academic performance and hands-on project experience. Skilled in programming, system design, and problem-solving, with a growing interest in AI and its real-world applications. Customer service experience has strengthened my communication and teamwork skills.

Work Experience

Tea Barista, Cocomo CBD

01/2025 – 12/2025

Auckland

- Provided friendly, efficient customer service by managing orders, answering queries, and resolving issues promptly.
- Prepared food and beverages to standard, upheld food safety practices, and kept work areas clean and organised.

Software Engineering Summer Intern, Auckland Bioengineering Institute (ABI), University of Auckland

12/2025 – 03/2026

Auckland, New Zealand

- Developed a Next.js and TypeScript frontend for an AI stroke outcome prediction platform, enabling clinicians to upload MRI scans, enter patient assessment data, and submit prediction jobs.
- Implemented and refined key interface pages for new predictions, job tracking, and result viewing, improving the usability of the end-to-end workflow.
- Contributed to features such as interactive neuroimaging visualisation and structured clinical data input within a modern React-based web application.

Education

Specialisation - Software Engineering, Bachelor of Engineering (Honours)

GPA: 7.37/9

2023 – Present

The University of
Auckland

Technical Skills

Frontend web development | C programming language | MATLAB | Java | Java OOP concepts |
Database structure | AI search algorithm | Next.js | TypeScript | Tailwind CSS |
REST/API Integration | Prisma ORM | Testing (Jest, React Testing Library, Playwright)

Achievements

Advanced Software Requirements, University of Auckland	2026
Machine Intelligence and Deep Learning - A, University of Auckland	2026
Human Computer Interaction - A, University of Auckland	2025
Fundamental of Database System - A, University of Auckland	2025
Software Architecture - A+, University of Auckland	2025
Object-Oriented Programming - A+, University of Auckland	2024

University Projects

Plateful — Full-Stack Restaurant Discovery Web Application  , React · Vite · Spring Boot · MongoDB · Vitest · RTL • Implemented major mobile-responsive UI improvements across Home, Search, and Restaurant Details pages, including adaptive layouts, grid restructuring, and map/responsive behaviour fixes. • Added dynamic API configuration and backend security updates to support mobile testing over LAN. • Set up the front-end testing framework (Vitest + React Testing Library) and wrote regression, navigation, and UI behaviour tests. • Improved UX and accessibility, including cursor interaction fixes, text-size adjustment features, and component layout refactors. • Collaborated with teammates by reviewing PRs, testing features, and ensuring consistent code quality.	2025
Guess who's the thief - Interactive crime-solving game  , Java · JavaFX · Maven · OpenAI API · JLayer • Designed and implemented AI-powered dialogue using OpenAI Chat Completions to generate dynamic, story-driven interactions and personalised suspect questioning. • Built core game logic and backend systems, including clue progression, scene transitions, and central gameplay flow. • Developed interactive clue-solving mechanics such as the “connect-the-lines” puzzle to enhance player engagement and case-solving depth. • Implemented custom MP3 and MP4 playback (JLayer + JavaFX Media) for sound effects, music, and immersive storytelling sequences.	2024

Referees

Available upon request