

Alex Xu

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Key skills

- React
- Node
- REST APIs
- Typescript
- Python
- C
- MySQL
- Git/GitHub
- Docker

Education

Master of Computing and Innovation from Adelaide University
Expected Jul 2026

Bachelor of Physical Education from Yanbian University
Graduated 2022

Coursework

Web & Database Development · Software Engineering · Data Structures & Algorithms

Availability: Available 16-20 hrs/week during semester, full-time during breaks.

Summary

Master of Computing and Innovation student with hands-on full-stack experience. Skilled in React, Next.js, Node.js, and MySQL; familiar with REST APIs, Git/GitHub, and Docker. Seeking a web development internship (Adelaide or remote in Australia) to contribute quickly and grow on real-world projects.

Projects

Personal project: Adelaide Neighbourhood Hub
Sep 2025 – Now

A full-stack **Next.js + Node.js** web app aggregating Adelaide’s EV charging stations, public transit (GTFS), and planning applications into a single interactive platform.
Designed map-driven UI with MapLibre GL, enabling bidirectional linking between list view and map markers, including popups with real-time info and Google Maps navigation.

Tech: Next.js, TypeScript, Node/Express, MapLibre GL, REST APIs, Vercel, Render.

GitHub: <https://github.com/Alex-0807/Adelaide-neighborhood-hub>

Live Demo: <https://adelaide-neighborhood-hub.vercel.app/>

Industrial Project: No-Code Solution for InfluxDB
Jul 2025 – Nov 2025

Collaborated in a team to design and implement a web-based no-code interface for querying and visualising time-series data in InfluxDB. Integrated with Grafana for advanced data visualisation, enabling users to save and edit dashboards directly.

Tech: React.js, Node/Express, InfluxDB OSS v2.7, Grafana v9.5, REST APIs, Docker

GitHub: https://github.cs.adelaide.edu.au/a1951826/INFLUX-UI-PG-group_9