

George Zhu

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EDUCATION

University of New South Wales

Bachelor of Advanced Computer Science (Honours), Minor in Mathematics

WAM: 86.6

Dean's Honours List, First Class Honours

Graduated Dec. 2024

PROJECTS

WebCMS3 Gradebook | *Thesis Project*

- Developed a new gradebook for WebCMS3, an LMS used at UNSW.
- Designed and implemented features such as grade scaling and comparisons using tools like React and Flask, allowing graders to manage student grades more effectively.
- Decreased loading times by 90% compared to the old gradebook by optimising function logic and SQLAlchemy queries.
- Designed and implemented a minimal, themable UI using Material-UI and Bootstrap to improve the user experience.

GitGud | *Capstone Project*

- Developed the frontend and backend for a content management system using React JS and Python.
- Designed and implemented various features like a gamification system using libraries such as Material-UI and React Router.

Eoru | *eoru.dev*

- Personal website developed in React.
- Developed responsive, animated UI using Tailwind CSS and Motion.

EXPERIENCE

Wentworth Institute | *Computer Science Tutor*

March. 2023 - Dec. 2023

- Tutored students in courses for Database Design using SQL and Programming Fundamentals using Python.

SKILLS

Languages: Java, Python, C, C++, C#, JavaScript, Rust, SQL, Haskell

Technologies: React, Bootstrap, Material-UI, TailwindCSS, Node.js, PostgreSQL, SQLite, Linux/Unix

Developer Tools: Git, VS Code, Figma, Jira