

George Zhu

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EDUCATION

University of New South Wales

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

Graduated Dec. 2024

WAM: 86.6

Dean's Honours List and First Class Honours

PROJECTS

WebCMS3 Gradebook | *Thesis Project*

- Developed a new gradebook for WebCMS3, an LMS used by Computer Science and Engineering courses at UNSW.
- Implemented various features such as grade scaling and grade comparisons using React and Flask to improve the user experience.
- Optimized backend routes, decreasing loading times by 10x compared to the old gradebook.
- Created a minimalist, themed interface using Material-UI and Bootstrap to improve the user experience.

GitGud | *Capstone Project*

- Developed the frontend & areas of backend for a content management system using React JS and Python.
- Used various libraries such as Material-UI and React Router to implement features and improve the user experience.

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