

GRANT LIU

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EDUCATION

The University of Auckland

Mar 2021 – Nov 2024

Bachelor of Engineering (Honours): Software Engineering

- GPA 9.0/9.0 (A+ average)

Extracurricular:

Web Development and Consulting Club | Software Engineering Students Association

Google Developer Student Club | Developers Society

PROJECTS

grantliu.com

- Personal portfolio website made using **React** and **Tailwind CSS**, showcasing skills and projects
- Utilising GitHub Actions for automated continuous deployment on commit

Arcade Platformer

- A multi-level platformer game made using **Python** using the Python Arcade library
- Used object-oriented concepts to implement animations, obstacles, and objectives.

Blackjack

- Used **Java** to implement a CLI Blackjack simulation.
- Implemented object-oriented principles to create a range of strategies that change during runtime.

EXPERIENCE

Frontend Developer

Web Development and Consulting Club

July 2022 - Present

- Volunteering as part of a team to build a full stack webapp for Albert-Eden Youth Board.
- Utilising React with Typescript and Tailwind CSS to create an interactive UI to assist with meeting and attendance tracking.
- Working in an Agile environment with regular spring meetings and client communication

LEGO Instructor

BRICKS 4 KIDZ

Apr 2021 – Feb 2022

- Taught modelling and robotics in after-school primary school classes to children aged 5-10
- Managed use of custom LEGO kits, as well as teaching basic drag-and-drop programming using with iPads connected to motors and sensors.
- Organized and ran holiday programs attended by over 300 children in a local mall and community centre.

AWARDS AND ACHIEVEMENTS

1st Place – 2022 WDCC x SESA Hackathon (2022)

- Awarded to my team of 6 for creating a full stack learning tool that made “boring things fun”

Faculty of Engineering Deans Honour List (2021)

- Top 5% out of >1000 students in cohort

New Zealand Scholarship: Outstanding Scholar Award (2021)

- Valued at \$15,000. Top 70 out of all scholarship students in New Zealand

SKILLS

Java | Python | C

React | JavaScript | TypeScript | HTML | CSS