Lachlan Stewart

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ABOUT

Currently studying Software Engineering at the University of Canterbury, New Zealand. Enthusiastic about learning, connecting, and collaborating with peers to tackle challenges. Searching for internship opportunities for the 2024/25 summer period.

EDUCATION

University of Canterbury   Feb 2022 – Nov 2025
Bachelor of Software Engineering with Honours - GPA: 6.75

EXPERIENCE

Full Stack Developer - Tutor4U   Nov 2023 – Present
- Start-up business creating web app where students can find tutors
- Initially using Django back-end and React front-end
- Switched to Bubble for faster development
- Launched here, May 2024
- Supported by the Founder Catalyst Programme, Ministry of Awesome

Mathematics and Statistics Tutor - Numberworks and Words   Nov 2021 – Dec 2023
- Tutoring students in maths from NCEA levels 1 to 13
- Specialised in NCEA Scholarship Mathematics

Tennis Coach - Red Stripe Tennis   Jan 2019 – Jan 2021
- Running training sessions as part of the coaching team

SKILLS

Languages - JavaScript/TypeScript, Python, C, Java, HTML/CSS, SQL
Technologies/Frameworks - Git, Django, React, Gradle, RESTful APIs

PROJECTS

Route Optimization for Aspiring Drivers (**ROAD**) - Java, JavaFX, Junit, Gradle
- Desktop app allowing users to view aggregated crash data in the context of finding safe routes for learning drivers
- Created by a team of 6 over a 3-month period

Chess - Python, Sockets & PyGame Libraries
- Allows players to join and play a game of chess from separate devices
- Uses knowledge of TCP, rendering logic, and client/server architecture to communicate and display the game

INTERESTS

When I am not coding, I enjoy being active and giving back to the community in my role as a Platoons Leader for the University of Canterbury (UC) Student Volunteer Army. In this role, the other leaders and I organise weekly volunteering events around Ōtautahi/Christchurch for students to support those in need. I love being outdoors, especially climbing. I am also involved with climbing at a club level, in my role as Treasurer for the UC Climbing Club. I enjoy sharing the sport with others and encouraging its growth. I also enjoy chess and when I find the time, will start work on a chess engine written in C.