

# Henry Wang

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## PERSONAL

I am a penultimate software engineering student with a passion for learning fun and interesting things. This has led me to embark on a long journey to master all things Neovim and Rust while also polishing my existing skills along the way.

## WORK EXPERIENCE

### Software Tester, Flipview

📅 SEP 2022–Present 🗺️ Auckland, New Zealand

- Conducted manual usability and system testing for the Flipview web app.
- Collaborated with developers to enhance the overall quality of the application

### Academic Tutor, Dilworth School

📅 FEB 2021–NOV 2022 🗺️ Auckland, New Zealand

- Provided weekly drop-in academic tutoring to students in years 10 to 13.

### Front-end Intern, Parallo

📅 JUN 2022–JUL 2022 🗺️ Auckland, New Zealand

- Worked on the React web portal used by Parallo and its customers.
- Performed version upgrades to the outdated codebase
- Implemented newly requested features.

## EDUCATION

### Bachelor of Engineering (Honours)

University of Auckland

📅 2021–2024 🗺️ Auckland

- Specialisation in Software Engineering
- Cumulative GPA of 8.8

## PROJECTS

### Quick, draw! (Java, JavaFX)

A collaborative project for a desktop game where a user is prompted to draw images for an ML model to recognise. I was responsible for reviewing process and integrating the front-end code with the back-end.

### Simple PDF Merger (Rust, egui, lopdf)

A simple application that allows you drag and drop PDF files for programmatic merging. This tool can generate the table of contents based on the merged documents and also remove duplicate and highly similar pages.

### File System (C, GNU make)

A basic linked allocation file system that I designed and implemented for a virtual device created using the C mmap call. It allows creation of directories and files in a tree structure and read / write / append operations on existing files.

## ACHIEVEMENTS

### Dean's Honour List (2021 & 2022)

Awarded by the University of Auckland Engineering faculty to the top 5% of students in their respective year.

### Outstanding Scholar Award (2020)

Awarded to the top placing 40–60 students in New Zealand for the NZQA scholarship exams.

### Dilworth School Dux (2020)

Awarded to top academic student.