

JACKY KIM

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STATEMENT

Penultimate Software Engineering student @ UoA looking for 2024/2025 internship opportunities. Eager to apply & strengthen my skills in a professional environment, passionate in all things tech.

EDUCATION

UNIVERSITY OF AUCKLAND, NZ Feb. 2022 - Nov.2025

Bachelor of Engineering (*Honours*), specialising in Software

- 8.0 / 9.0 GPA (A Average)
- First in Course in SOFTENG 281 (2023)
- Dean's Honours List - Top 5% of Engineering Cohort (2022)

RELEVANT COURSEWORK

- Object-oriented Programming
- Data Structure and Algorithms
- Database Systems
- Operating Systems
- Networks and Security
- Version Control (git)
- Complex Analysis
- Optimisation

PROJECTS

LETHAL COMPANY MODDING | C#, BEPINEX, HARMONY, ILSPY, .NET FRAMEWORK

- Developing **mods** for **Lethal Company** in **C#**, using **ILSpy** to **decompile & reverse engineer** the game's source code in order to patch/tweak in-game mechanics using **BepInEx**, **Harmony** and **.NET Framework**.
- Frequently updating & maintaining my mods, based on **user feedback** from **community servers** with over **100,000+ members**.
- Currently have **6,000+ total downloads** collectively on the **Thunderstore** page.

CHEAT SHEET SCRIPT | PYTHON, BS4, GSPREAD, GOOGLESHEETS API

- Working on a script that **automatically generates** a google sheets document that provides the player with useful in-game information for **Terraria** in **Python**.
- Using **BeautifulSoup4** to scrape **in-game data** from the **official wiki page** and **gsread** & **Google Sheets API** to process and output the data onto a Google sheets document .

PORTFOLIO WEBSITE | REACT, JAVASCRIPT, TAILWIND CSS, VITE

- Built a **personal website** to display projects & portfolio work using **React** and **JavaScript** with styling using **Tailwind CSS**.
- Used **Vite** to fast setup a local development server, streamlining the development process of the application.

TECH SKILLS

LANGUAGES

Java, C, C#, Python, HTML, CSS, JavaScript, SQL, CIL, MATLAB, R

TECHNOLOGIES

JavaFX, OpenAI, MySQL, React, Tailwind CSS, RStudio, Maven, VS Code, Visual Studio, Linux Kernel, ILSpy, Git/GitHub

INTERESTS

Custom tech & tinkering, gaming, cooking, piano, music production, keeping up with the latest tech