

# 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 **4,500+ 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 page layout & UI.

## 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, Ubuntu, ILSpy, Git/GitHub

## INTERESTS

Custom tech & tinkering, modding / developing video game utilities, cooking, piano, music production, keeping up with the latest tech