

SKILLS

Linux, Windows, C, Python, Vim, Tmux, Office 365, Photoshop, After Effects, Premiere Pro, Blender, Fusion 360, Git, Soldering, Average 100 WPM typing speed

EDUCATION & CERTIFICATION

The University of Queensland Grad. Nov, 2025
Bachelor of Computer Science, Major in Cyber Security

Industry Certifications – CompTIA Security+

PROJECTS

Henosis - Todo list web app April 2023

- Created to experience industry adopted frameworks and to gain practical knowledge of program to database interactions via **APIs**. Web app facilitated **real time** user data read/write through **firebase** and server-side rendering through **Next.js**.

Snakes and Ladder Replica via Atmega328 chip Aug. 2022

- Created a snakes and ladders clone written in **C** using an Atmega328 chip and a LED matrix + Buttons for UI. Required understanding of **schematics**, wiring and usage of various smaller chipsets that acted as gates in a previous project of a binary counter.

Server x Client image manipulation software written in C May 2024

- Client constructs HTTP request using image binary. Server facilitates image manipulation using the FreeImage library, then reconstructs + sends HTTP response. Written fully in C

Building Personal Computer systems & Electronics All my life

- Built over 5 PCs from part picking to assembly and flashing OS. 3+ Mechanical keyboards and 2+ Mice
- Built and upgraded 3D printers via various open-source project as well as personally designed components

Home Lab All my life

- Self-hosted llama3 LLM + Web UI. Daily driver runs Windows + WSL2. Multiple machines running Linux
- 2 Printers running Klipper on RPIZ2W + Remote print load/execution. Plans to implement laser module
- Hacked demo wireless networks using 4-way handshake. Captured packets + brute forced.
- Exposure to various tools/package due to school + personal interests

WORK EXPERIENCE

Woolworths Dec. 2019 – Present

Customer rep, Delicatessen team member, Fresh services team member

- Highly regarded by senior colleagues for maintaining **efficiency** during rush hours and fostering an **effective team** environment. Continuous assessment of equipment conditions and cleanliness of environment requires **attention to detail**.

Kumon Early 2019 – Early 2020

Tutor Assistant

- Specialized in Mathematics, responsible for paper grading and ensuring students' comprehension of concepts and topics. Displayed **patience** and the ability to **communicate concepts**.