

SKILLS

Linux, C, Python, SQL, Windows, Vim, Tmux, Office 365, Photoshop, After Effects, Premiere Pro, Blender, Fusion 360, 3D printing, VS Code, Git, Soldering, Average 100 WPM, Fishing, Bushcraft, Woodworking, Video editing, Drawing, RJ45 crimping.

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

Sunnybank Hills

- 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

Calamvale

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