

Austin Jensen

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About Me

I am a hardworking and motivated person that is willing to learn new skills and take on challenging tasks to extend my ability. I am a team member but can also work well on my own. I enjoy tinkering with new technologies and helping with technical issues.

Experience

Fisher and Paykel Healthcare (Electronics Intern)

Over summer 25/26, I worked at Fisher and Paykel healthcare, I was tasked with embedded programming, PCB design and testing. I learnt a great amount during my time at FPH such as communicating effectively in team meetings & learning how to work in a corporate environment.

Kodak Express Botany, May 2023 - Current

Working in a retail environment I have learnt how to deal with customers ensuring that they leave the shop with what they needed. My job involves printing photos, passport photos, selling camera equipment and other photo related products.

General Electronics Repair (Freelancing), 2023 - Current

I repair electronics for Kodak Botany, Fisher and Paykel Healthcare and other customers. These repairs range from simple single component repairs to large full board repair.

Fisher and Paykel Healthcare (Contracting, Indirectly), 2020 - 2023, 2024 - Nov 25

Contracting for Fisher and Paykel Healthcare, I have gained valuable skills on how a large corporate company works, having to design to a certain specification. Communicating regularly with people at the company to update them on the status of projects and queries about the project specifications.

Volunteering

Operations Manager for PhotoSoc at Auckland Uni, 2025 - Current

Managing and helping with the photography club at university has taught me a lot about how a large club works. I manage the needs of different events in regard to what equipment is needed.

Lead Student at Botany Downs Secondary College, 2023

Being a Lead Student at my high school has taught me a great amount on how to be a team player. I had to be reliable and responsible for this position.

IT Council for Blake Whanau at Botany Downs Secondary College, 2022-2023

I was the lead member of the IT Council, my roles included setting up equipment for assemblies. Running music for the Blake common room and assisting teachers with computer issues.

Education

Currently enrolled at the University of Auckland taking a bachelor's in electrical and Electronic Engineering (3rd year)

Certifications

Class 1 & 6 Full New Zealand Drivers Licence
98-349:MTA - Windows® Operating System Fundamentals
- 25th May 2019
IC3 - Global Standard 5 - 26th May 2019

Botany Downs Secondary College (Graduated)

Level 3 NCEA Merit - 16th November 2023
Level 2 NCEA Merit - 23rd October 2022
Level 1 NCEA Excellence - 31st December 2021

School Certificates

Whanau Distinction Award - 2023
Squash Individual Championships - 2nd Place, Division 5 - 2023
BDSC Squash - Best and Fairest - 2022
Learning Area Excellence - Digital Technologies - 2021

Projects / Competitions (all available at www.austinsprojects.com)

Web3UOA Hackathon – 2026

Over 48 hours, me and 4 other friends participated in a university hackathon, where we went from a concept to a fully functional product, using web technologies that we had no experience in using. We placed First for this, winning the main prize, a sponsor prize and the hidden prize.

Smart Energy challenge (Uni) – 2025

For my 2nd year design project, we designed and built a wireless power meter to measure a fictional appliance. This project taught me how to make a device that could read instantaneous current and voltage. Along with the readings, we also added WiFi functionality along with the ability to say out the current and voltage.

3D printed CNC Machine - 2023

Assembling and constructing a 3D printed CNC machine. This required printing over 40 parts totalling around 300 hours of machine time, along with building the whole machine with printed and metal parts. Additionally, I needed to debug the CNC to get it functional.

Bluetooth Intercom for a motorcycle helmet – 2025

I wanted to be able to listen to music while riding my motorcycle, but I didn't like the high cost of purchasing a off the shelf headset, so I made my own based on the Microchip BM20 module. This exercise taught me about creating a device that used RF which meant I had to ensure the correct cutouts in the PCB were made, along with creating a PCB that could fit in a confined space.