

# Oli Medwin

Auckland, NZ | <https://medwin.nz>

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## Personal Profile

Penultimate-year **Computer Science** student majoring in **Cybersecurity and Networks** at Auckland University of technology, with practical experience in secure system deployment, authentication, and self-hosted infrastructure. **Experienced** in troubleshooting, network configuration, and security-based projects. Seeking a cybersecurity internship to apply these skills in a practical environment.

## Education

**Bachelor of Computer and Information Science – Major in Cybersecurity – AUT**

Expected Graduation: 2027 | **GPA: 7.37/9.0**

**Relevant Coursework:** Network Security, Systems Administration, Internet & Networking.

## Projects

**Arena House Points Tracking Web Application**

<https://demo.arena.medwin.nz>

- Built a **Full-stack** web app for tracking house points within primary and high schools
- Implemented **Google OAuth** authentication and **role-based access control (RBAC)**
- Deployed application to production using cloud hosting

**Technologies:** JavaScript/TypeScript, OAuth, Vercel

## Self Hosted Network Home lab

- Managed a Raspberry Pi Home Lab running various network services
- Configured **Pi-hole DNS filtering** and **Tailscale VPN** for secure remote access.
- Configured and maintain **Vaultwarden**, **Jellyfin**, and **Syncthing**, ensuring secure authentication, media streaming, and file synchronization across a private VPN network
- Maintain a secure **Network Attached Storage (NAS)** system with user-based access control for backups and media services

**Technologies:** Linux, VPN, DNS, Docker, User-based Access Control

## Work Experience

### Technical Support Engineer (Intern) – Netcare

Auckland | November 2023 – January 2024

- Provided **remote technical support** for clients, diagnosing software, hardware, and network issues
- Applied troubleshooting and problem-solving skills in real time
- Effectively communicated technical solutions to non-technical clients

### Bartender – Shed 16

Auckland | 2024 – Present

- Provide excellent **customer service** skills in a fast-paced hospitality environment
- Maintain cleanliness, organisation, and stock behind the bar
- Create cocktails and serve a range of wines and beers

## Skills

### Cybersecurity/Networking

- Authentication & role-based access control (RBAC)
- VPN setup and configuration
- DNS, TCP/IP fundamentals
- **Network monitoring**

### Technical/Tools

- Linux, Cloud/Web Hosting
- System Automation
- Full-Stack Development

### Soft Skills

- Problem Solving & Troubleshooting
- Communication & Teamwork
- Leadership from managing events team at high school.

## Achievements & Leadership

- Completed **800+** hours of community service through the St. John Youth and Student Volunteer Army programs
- Awarded the **Grand Priors Award** through St. John Youth, recognizing excellence, leadership, and community service.

Referee's available upon request.