

Harrison Raynes

Computer Science Graduate

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Auckland, New Zealand

SUMMARY

I am a dedicated computer science graduate with an extensive library of coding projects and technical knowledge. I hold a Bachelor of Computer and Information Science from AUT, where I learned to program in languages such as Java, which was primarily taught during my university studies. Additionally, I have learned JavaScript and Python, including frameworks like React and Next.js, as well as Python for backend development and scripting. I've used these skills to develop personal projects. I am an adaptable worker, able to work under pressure while also multitasking other tasks.

PROFESSIONAL EXPERIENCE

Woolworths

Night Fill Assistant

Auckland, New Zealand

11/2022 – 06/2023

I was stocking the shelves at my local Woolworths during the day and at night, ensuring the store was well-stocked and open for business. It involved checking that products on the shelves were undamaged and presented well.

Skills:

- Heavy lifting, Time Management, Organisation, Teamwork, Problem solving.

Mount Albert Aquatic Centre

Lifeguard

Auckland, New Zealand

10/2019 – 05/2023

I ensured the pool was safe and organised during operating hours with a team of 3 to 6, communicating with the front of house as well, so that everyone was on the same page. Additionally, I cleaned the facilities before going home for the day, ensuring they were clean for the next day.

Skills:

- Adaptive, Health and Safety management, Cleaning, High responsibility, People management

RELEVANT PROJECTS

Discord Events-to-iCal Bot

Software Developer – Personal Project

Auckland, New Zealand

07/2025 – present

Skills: Python, pycord, ICS Calendar library, dotenv, Git, Nginx, Cloudflare DNS

- /calendar slash command exports every upcoming Discord event to a universal .ics feed.
- Handles timezone conversion, auto-fills missing end-times and attaches the file directly in Discord.
- Actively working on expanding the project to include more features.

ReactionBot (StinkyBot – Working Title)

Software Developer – Personal Project

Auckland, New Zealand

09/2023 – present

Skills: Python, discord.py, Git

- Emoji-reaction bot that replies to phrases or user-specific triggers with random or custom emoticons.
- Admin commands (add, remove, clear, allow, disallow, help) make reaction rules easy to manage.
- Functional prototype that requires further refinement and testing to reach the standard I'm after.

Triangle Location Dashboard

Software Developer – Personal Project

Auckland, New Zealand

03/2024 – present

Skills: TypeScript, Next.js, Tailwind CSS, Google Maps JavaScript API, Google Distance Matrix, Git

- Next.js dashboard that plots user-supplied addresses and candidate meeting points on an interactive map.
- Calculates the geographic midpoint and identifies the most central candidate in real-time.
- Drag-and-drop list management and auto-fitting map bounds streamline trip planning.
- Still a work in progress; more polish is needed before it meets my quality bar.

ChatGPT Discord Bot

Software Developer – Personal Project

Auckland, New Zealand

04/2024 – present

Skills: TypeScript, Discord.js, OpenAI API, Shell Scripting, LaTeX Rendering, Git

- My most significant personal project, which I've spent the most time on.
- Lightweight Discord bot that harnesses ChatGPT to deliver persona-driven replies.
- Thread-aware memory, emoji replacement, LaTeX-to-image conversion, and image/file inputs enhance chats.
- Slash-command toolkit, cooldown controls, encrypted storage, and rotating logs make it easy to self-host.

Chat Bot Platform

Software Developer – Team Project

Auckland, New Zealand

03/2023 – 11/2023

Skills: C#, JavaScript, HTML, PowerShell, Shell Scripting, Azure Language Studio, Azure Bot Framework Composer, Microsoft Teams Integration, Git

- Chatbot prototype for Te Whatu Ora Counties Manukau that fields HR, Health & Safety and location questions.
- Two Azure stacks, Language Studio Custom QA or Bot Framework Composer, slot straight into Microsoft Teams.

iFridge

Software Developer – Team Project

Auckland, New Zealand

07/2022 – 11/2022

Skills: React Web App, TypeScript, NodeJS, Firebase Hosting, Firebase Database, Firebase Authentication

- Web app that lets users generate over 50 recipes using the items listed in their virtual fridge.

Home Server

Server Management

Auckland, New Zealand

2022 – Present

Skills: Cloudflare DNS, SSL, Tailscale, Ubuntu, TrueNAS, Networking, Nginx.

- Implemented TrueNAS for file storage and media management, which hosts two virtualised systems.
- Hosts my Discord bot projects and web panel for my Minecraft servers, which points to my domain using Cloudflare DNS.
- Single panel for component monitoring of the server

SKILLS

- **Technical Skills:** TypeScript, JavaScript, React, Python, Java, C, SQL, Linux, Nginx, Virtualisation, Azure, AWS, HTTP, DNS, TCP/IP, Git, GitHub, VS Code, SSH, SFTP, REST API, Discord API, Google Maps API
- **Soft Skills:** Customer Service, Problem solving, Quick Learner, Adaptability

CERTIFICATIONS

CCNA - Enterprise Networking, Security, and Automation

Cisco, 2023

CCNA - Switching, Routing, and Wireless Essentials

Cisco, 2022

CCNA - Introduction to Networks

Cisco, 2021

EDUCATION

Auckland University of Technology

Bachelor of Computer and Information Science

Majors: Software Development, Networks & Cybersecurity

Auckland, New Zealand

2021-2023

GPA: 5.44/9