

Joshua Scragg

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EDUCATION

University of Auckland

August, 2024

Bachelor of Science, Major Computer Science

WORK EXPERIENCE

Teeg

July, 2022 – Present

Senior Technician | Aug, 2023 – Present

- Troubleshooting and resolving technical issues.
- Maintained Equipment by performing regular maintenance checks, replacing parts or performing repairs.
- Assisted in facilities and building work.

Junior Technician | July, 2022 – Aug, 2023

- Assisted repairs and troubleshooting.

PROJECTS

DiscordCMD / DisWrapper

Python - Postman

DiscordCMD is a headless client I made after becoming interested in the inner workings of discord (Discord is a voice and messaging platform similar to slack) and wanted to create a project surrounding it that allows users to access all servers they're in as well as send and receive messages. Additionally, I created a python library to simplify the making of the application called DisWrapper.

Spatial Skills Quizer

Typescript - NextJS, React, GraphQL, PostgreSQL, AWS EC2,

This was my capstone project for my degree, it was created for a professor that wanted to test the theory that students that regularly practice spatial reasoning skills will tend to do better at university, specifically computer science students. This quiz application was used to set baselines and track students' spatial reasoning skills through the course of the experiment.

SKILLS & INTERESTS

Skills

- o Programming Languages: Python, Java, Javascript, Typescript, C#
- o Frameworks and Libraries: React, NodeJS, Django, NextJS, GraphQL
- o Databases: SQL, SQLite, MongoDB, PostgreSQL

- **Interests:** Music, Traveling, Video Games, Books.