JOSHUA SCRAGG

Software Developer

Contact

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020-4099-91557
Auckland

Skills & Interests

Programming Languages: Python · Java · Javascript · TypeScript · C#

Frameworks and Libraries: React · NodeJS · Django · NextJS · GraphQL

Databases: SQL · SQLite · MongoDB · PostgreSQL

About

Experienced in technical troubleshooting and maintenance with a foundation in computer science from the University of Auckland. Transitioning into software development, leveraging hands-on problem-solving skills and a methodical approach to system issues. Eager to apply analytical abilities and technical knowledge to develop efficient, reliable software solutions.

Links

Website
josh.scragg.co.nz

Education

University of Auckland | Bachelor of Science
Computer Science · Graduation: Aug 2024

Work Experience

Senior Technician Aug 2023 - Present
Teeg

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

Junior Technician Jul 2022 - Aug 2023
Teeg

- Assisted repairs and troubleshooting.

Projects

Climate Dashboard

Climate Dashboard is a comprehensive web application for visualizing and monitoring climate data trends. It features interactive charts and maps that display critical climate metrics including global temperature anomalies, CO, concentrations, precipitation patterns, sea level rise, and ice extent data.

DiscordCMD / DisWrapper

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 Quizzer

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.