Daniel Smith

SOFTWARE ENGINEER

Details

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Links

Github

PDT Website

Skills

- JavaScript
- Python
- SQL
- HTML/CSS
- React
- C#/dotnet

Profile

Passionate young developer, skilled across the full application stack. I am a competent, fast, and self-directed learner, picking up foreign technologies with ease. Being a natural problem solver I am proficient at breaking down requirements for systems/applications and piecing together effective solutions. I am hardworking, driven, and eager to take the next step in my journey and sink my teeth into a large project to put my skills to the test.

Education

BSc, Computer Science, University of Canterbury, Christchurch

FEBRUARY 2016 — DECEMBER 2019

Diploma, ICT/Networking, Ara Institute of Canterbury, Christchurch

FEBRUARY 2014 — DECEMBER 2015

Employment History

Web Developer (Freelance Contract), Positive Directions Trust, christchurch

APRIL 2020 — JULY 2020

This contract gave me some good experience with client interaction and using industry practices to plan and structure the development of a full-stack web application.

Vehicle Re locator, Christchurch International Airport, Christchurch

DECEMBER 2018 — JUNE 2020

Projects

Positive Directions Trust Website

MAY 2020 — PRESENT

Technologies: React, Redux, NodeJs, MongoDB, SCSS, ChartJs

For this project, I choose to use the MERN stack and followed a kanban board to manage development. The application provides information to potential clients, handles enrollments *and inquiries as well as providing the PDT staff with a lite client management system for accessing client information on the go. I have since added in a basic CMS to allow for blog posting and a dashboard providing some basic statistics using ChartJs.*

Messy Flatmates

Technologies: Java, NodeJs, SQL

A friend and I decided to start co-developing an android app to provide a digital solution to the management and organization of a flatting situation. For this project, we decided on using java to build the front-end and NodeJs-Express to build a REST API for the back-end.

AStar Visualization

Technologies: p5Js

This was a just for fun project in which I used the p5Js library to build a browser-based visualization of the AStar algorithm as it steps through the completion of a series of mazes built using various maze generation algorithms.

References

References available upon request