Alexander McRae

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Objective

To contribute my skills as a Software Engineer at Clearbanc.

Education

University of Victoria   September 2017 - present
Bachelor of Science in Computer Science, Minor in Business

Relavent Skills

Programming Langauges
  C, Rust, Go, Haskell, Python, Java

Web Developement
  Typescript, React, Vue, Nodejs, MongoDB, SQL, Express

Projects

Tiny URL github.com/McRaeAlex/tinyURL

Developed a web applicaition that compresses URL's, allowing the user to go to the shorter URL and see the original website.

Typescript/React Game Interface github.com/McRaeAlex/DSnake-Typescript

Created a progressive web applicaition using Reactjs and TypeScript which serves as the front end for a HTTP game I created.

Cat Camera github.com/McRaeAlex/prettykitty

Using a Raspberry Pi, Twilio, and Nodejs, created a application that takes pictures of cats and sends them to users in response to a text message.

What To Eat github.com/McRaeAlex/WhatToEat

Made a web application using Golang and SQL that gives the user a random recipe. The user can then choose if they like that recipe or if they do not like it another is shown.

Experience

Battle Snake 2019 github.com/McRaeAlex/BattleSnake2019

Participated in a local coding competition and created a HTTP server which plays a version of the game snake.

Advent Of Code github.com/McRaeAlex/AdventOfCode2018

Participated in global coding competition facing various coding challenges leading up to Christmas.

Web Development Club

Take part in discussions, talks and projects in a group regarding web technologies.

Rocket Club

Predicted the landing of the rocket using real time data coming from the rocket. Gained experience working with a large team and many different sub teams.