Alexander McRae

mcraealex.github.io — github.com/mcraealex — mail@alexandermcrae.com

Objective

To contribute my skills as a ¡position; with ¡company;.

Education

University of Victoria

September 2017 - present

Bachelor of Science in Computer Science, Minor in Business

Relayent Skills

Programming Langauges

C, Rust, Go, Haskell, Python, Java

Web Developement

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

Graphics

Ray Tracing, OpenGL, WebGL

Projects

Ray Tracer github.com/McRaeAlex/tiny-raytracer

Implemented a extensible rendering engine with lighting, reflection, and refraction.

Tiny URL github.com/McRaeAlex/tinyURL

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

Snake Engine github.com/McRaeAlex/dimensional-snake-engine

Build an implementation of the game Battle Snake using an entity components system (ecs).

Cat Camera github.com/McRaeAlex/prettykitty

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

Experience

Battle Snake 2019

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

Web Developement 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. Experience working with a large team and many different sub teams.

Interests

Running, Guitar, ¡Social Thing;

References

¡Enter references here¿