

Education

2018-2022

Honours Bachelor of Computing - University of Guelph

Skills

JavaScript, HTML, CSS, Python, C, Next JS, React, Tailwind CSS, Node, Express, SQL Databases, Git, AWS

Projects

Personal Portfolio

- A website created for displaying my personal projects and progression related to programming in a styled webpage setting.
- Built from scratch using the Next JS framework as well as Tailwind CSS.
- Deployed using Vercel on a custom domain: www.laliu.dev

Pokédex

- Webpage for viewing all existing Pokémon in a clean gallery format.
- All front-end functionality created with React and Tailwind CSS for styling.
- Fetches data from an external API. Allows the user to infinitely scroll to fetch more data, as well as clicking a specific Pokémon to get more details.

Full Stack GPX Parser

- A tool used for parsing & analyzing GPX files and storing data into a MySQL database.
- Front-end consisted of JavaScript, HTML & CSS.
- Back-end API created with Node & Express. GPX library created in C.

FBX Model Viewer

- A 3D Rendered demo that can displays FBX models with textures directly in your web browser.
 - Created with the Three JS library. Allows the user to move the camera around with orbital controls.
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Work Experience

05/2019 – 09/2019

Manufacturing Operator - Tenneco, Cambridge ON

Worked in a fast-paced assembly line with great attention to quality control.

11/2017 – 11/2018

Line Cook - Swiss Chalet, Cambridge ON

Worked efficiently with a small team in a restaurant environment to prepare meals in a timely fashion while maintaining clear and effective communication.