

Calvin Yap

Website calvinyap.me
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Technical Skills

Languages: Java, C, C++, Prolog, SmallTalk, Rust

Front-End Frameworks: HTML/CSS, ReactJS, React Native, Bootstrap

Back-End Frameworks: SQL, SQLite, Node.JS, PHP, Python

Processing Tools: Bash, Git, Photoshop, VMware, Microsoft Office, Eclipse, SQLdeveloper

Experience

Instructor | Northern Karate

Sept 2015 - Present

- Brought in a new dynamic of high energy classes that engages the students in a positive learning environment; increased development speed of students by 25% and overall class attendance by 30%.
- In charge of the organization of large classes to maximize the use of all resources and to ensure a high level of efficiency at all times.
- Utilized strong interpersonal and communication skills to instruct students of all levels; commended many times for great energy and positivity towards others.

Projects

Portfolio Website (calvinyap.me) | Web Development - ReactJS, Firebase

January 2019 - Present

- A responsive web portfolio, that showcases more about myself and my previous projects.
- Utilized React's **JSX syntax extension**, **routing**, and **state management** to optimize construction and user interface.

Tracktor | Web Development - ReactJS, Proto.IO, Google Cloud Services

May 2019 - June 2019

- A web application developed for RUHacks that allows local product developers to connect to a large scale marketplace.
- Created using a **Facade** design pattern to mimic a large working system to help establish a smooth user interface.

Submarine | Computer Graphics - C++, GLU

Sept 2019 - Oct 2019

- A reusable computer rendered Submarine created with GLU and C++ that allows users to navigate in an open field.
- Will be used as a **library object** in creating a marine battle simulator game.

Grocery App | Java Program - Java/ Java GUI

Feb 2018 - March 2018

- A portable grocery simulation created using Java along with a Java GUI interface.
- Utilized Java's features of **object-orientation** with **overloading** and **polymorphism** when designing the overall structure.

Education

Ryerson University | Honours Computer Science (B.A.Sc.)

September 2017 - April 2021 (Expected)

- Interested in the fields of software development, computer graphics, and web development.
- Relevant Courses: Data Structures and Algorithms, Database Systems, Computer Science, Calculus.