

Calvin Yap

calvinyap.com
(647) 990 - 3688
github.com/Calvin-Yap
linkedin.com/in/calvin-yap-10
calvin.gh.yap@gmail.com

Skills

Languages: Java, C++, C, JavaScript, PHP, SQL, HTML/CSS, Swift

Frameworks & Libraries: AngularJS, React, jQuery, SwiftUI

Database & Tools: Git, Bash, Firebase, MySQL, SQLite, Figma, Android SDK, Xcode

Projects

LiftMaster Pricing | AngularJS, PHP, Firebase

Mar - Aug 2020

- Developed a pricing tool for LiftMaster Garage Systems (~25 daily users) to replace the dated Excel approach improving the quoting process by 80%.
- Built using AngularJS to take advantage of its 2-way data binding, along with the built in HTTP service to allow for efficient access to local PHP files.
- Hosted using Firebase for its simplicity in collecting daily user counts and crash analytics. Looking to add Firebase Authentication in the future for better admin controls.

Lockdown Kiosk | Java, Android SDK

Jun - Sept 2019

- A lockdown browser inspired app, developed for Northern Karate (~200+ daily users) to enhance the previous sign-in system, which lacked any forms of security.
- Developed in Java using the Android SDK environment. It is a WebView component layered with hidden buttons restricting access to a just webpage of the owner's choice.

Plan Your Travel I & II | AngularJS, HTML/CSS, PHP, MySQL, XAMPP

Feb - Apr 2019

- A multiple iteration project, showcasing the progression from a simple HTML based travel website to a complete full-stack web application.
- Collaborated with a team of 3 members and followed the software development lifecycle, by splitting up the project into multiple iterations and hosting weekly scrum meetings.
- Iteration I, focused on design and UI and was developed using basic HTML/CSS and JavaScript. A local Apache server was created using XAMPP.
- Iteration II, focused on the refactoring of code turning multiple webpages into a SPA. We chose to use a MVC based framework in AngularJS and a back-end admin control using PHP and SQL.

Education

Bachelor of Science (B.A.Sc.)

Sept 2017 - Apr 2021 (Expected)

Ryerson University | Computer Science

- **Relevant Courses:** Software Engineering, Data Structures & Algorithms, Databases, Computer Science I & II

Work Experience

Instructor | Northern Karate

Sept 2015 - Present

- In charge of the organization and division of large classes, maximized the use of all floor space, while creating a positive learning environment increasing class attendance by 20%
- Utilized strong interpersonal and communication skills to instruct students of all levels. Commended many times for great energy and positivity towards others.

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Lockdown Kiosk | Java, Android Studio, Google Play Jun – Sept 2019

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Plan Your Travel I & II | HTML/CSS, PHP, MySQL, AngularJS Jun – Sept 2020

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