



Jason Liu

Full-Stack Developer | Software Engineer

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PROFILE

Technical Skills

- **Front-end:** HTML, CSS, JavaScript, jQuery, ASP.NET, Angular8, and Bootstrap4
- **Back-end:** Java, C#, Objective-C, Python, Node.js and PHP
- **Web Development Platform:** WordPress and Shopify
- **Database:** MySQL, MS SQL, SAS, Hadoop, and Google Firebase
- **Mobile Development:** Kotlin, Android Studio, Swift and XCode
- Build intelligence into apps using **machine learning** models by Core ML
- **Continuous Integration:** Jira, Jenkins, Azure DevOps and Bitbucket/GitHub
- **MS Office Skills:** Excel, Word, and PowerPoint

Soft Skills

- Passionate problem solver, fast learner, and critical thinker
- Excellent communication skills

EXPERIENCE

World Vision Canada

May 2020 > Aug 2020

Technology Researcher & Developer (Co-op)

- Worked in an Agile environment using Azure DevOps and build web-based business applications for the estimating team.
- Build full-stack applications using PHP, MySQL, JavaScript, Azure API, Node.js and Angular8 etc.
- Designed, developed and tested the application in accordance with established standards.
- Joined PI Planning as part of the development team to research and advance the solution for other internal teams.

World Vision Canada

Sept 2019 > Jan 2020

Technology Researcher & Developer (Co-op)

- Developed web projects by using Angular platform, node.js and Google API plugins.
- Developed a 'Polar Bear Dip' Progressive Web App which has been released.
- Developed a Tools Inventory Management System for the team in Rwanda
- Developed a D3.js World Map which people can interact with to see how World Vision made changes in the world.

Pixelbot Inc.

Jan 2019 > April 2019

Web Developer (Co-op)

- Front-end and Back-end development
- Work with both startups and large organizations on projects ranging from mobile/desktop experiences to service design.
- Create and execute original visual design concepts in HTML, CSS, PHP and JavaScript based on WordPress and Shopify platform.
- Work collaboratively with other developers via Git

EDUCATION

Sheridan College

Sept 2017 > Dec 2020

Advanced Diploma of Software Development and Network Engineering

Cumulative GPA: 3.6/4.0

RECENT PROJECTS

Oct 2019 > Jun 2020

Tools Inventory Management System

- The system was built for the Africa Rwanda community to manage several donated trade tools as well as manage workspaces.
- The system allows for online sign-out and sign-in of tools, reserving workspaces, putting tools on hold, tracking late fees and generating customized reports, etc.
- I was responsible for the full lifecycle development, from initial requirement gathering to design, coding, testing, documentation, and implementation.
- *Development Technologies: Wampserver64, PHP, MySQL, JavaScript, HTML, CSS, Bootstrap Library and HeroKu.*

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Oct 2019 > Dec 2019

Mobile Event Progressive Web App

- Developed a mobile event progressive web application which the user doesn't need to download it from the app store and it supports offline
- The event web app supports interactive map, mini polls/surveys, photo galleries, schedule checks, videos and location functions, etc.
- *Development Technologies: PWA, JavaScript, HTML, CSS, JSON, jQuery, materialize and Bootstrap Library*

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Sept 2019 > Oct 2019

Video Intelligence

- Transcribe the recorded audio to text, and to note any objects in a scene (e.g. bike).
- The text and the identified objects are added to the video metadata which can be uploaded to the internal resources website.
- *Development Technologies: Angular Framework, Node.js, Google video intelligence API and Firebase database.*

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Aug 2019 > Sept 2019

D3.js World Map

- D3.js World Map was designed for people to interact with it and see how the organization made changes in the world.
- *Development Technologies: D3.js, HTML, CSS, JavaScript, and jQuery.*

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April 2019 > Aug 2019

Nerd Overflow Forum

The Nerd Overflow forum is a well-defined, fair and civilized web application for academic discussions in different areas. Its purpose is to help people who want to publish their academic opinions in different fields. The project main goal is to provide our users with a platform where they can share information or expertise for everyone to gain knowledge.

Development Technologies: C#, ASP.NET, JavaScript and MS SQL Server.

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CETIFICATE

Sept 2020

Managing Big Data with MySQL

Issuing Organization: Duke University | Coursera

[See Credential](#)