

YUFEI YANG

Phone: +1 (905) 599-6039

Email: stevenwaterloo2015@gmail.com

EDUCATION

• University of Waterloo

Bachelor of Computer Science, Honours, Co-op

Waterloo, ON

Sept. 2015 – June. 2020

EXPERIENCE

• Connected

Toronto, ON

Software Engineer, Full-time

Feb. 2021 – Present

- Developed features for the **Peloton Roku channel** with **BrightScript** and **SceneGraph**. Used **storybook** to collaborate with other engineers. Implemented **GraphQL** manager for the Roku app to replace existing REST APIs.
- Developed the **official website** for the client, Wellcome Leap, to manage applications and track progress of researchers and scientists working on groundbreaking innovations in medicine and healthcare. Tech stack includes **WordPress** and **AWS Lightsail**.
- Led and Presented multiple feature & technical demos in client meetings and company-wide demos.

Software Engineer, Co-op

Sept. 2019 – Dec. 2019

- Implemented, Tested and Deployed the **iHeartRadio Alexa Skill** for the client, iHeartMedia, a top mass media company in North America.
- Tech stack includes **ASK (Alexa Skills Kit) SDKs**, **NodeJS**, **Python**, **AWS** and **Jenkins**.
- Implemented several components for a web application in **React** and **Jest** to help a client with their technicians' light installation process.

Software Engineer, Co-op

Jan. 2019 – Apr. 2019

- Developed and Maintained the **iOS Bose Music App** for the client, top US-based headphone company. Help their IoT Integration for connecting, setting up and playing music on millions of home speakers, soundbars and headphones.
- Tech stack includes **RxSwift**, **RxCocoa** and **RxTest** in Xcode, with MVVM architecture design and Coordinator design pattern.
- Released features that consistently boosted customer feedbacks and led the App Store rating increased from 3 to 4.5.

• Hangry Group

Toronto, ON

Software Engineer, Part-time

Jan. 2021 – June. 2021

- Implemented key front-end features and helped launching the **Qrunch app**, a mobile and web solution to provide stylish menu experience for restaurants and their customers, including a handy tool for contact tracing. Tech stack includes **React Native** and **Redux**.

• Influxive

Toronto, ON

Software Engineer, Co-op

Jan. 2018 – Apr. 2018

- Migrated user database and wrote APIs to improve front-end decoupling for the company's B2B service web app. (**Ruby on Rails**, **Docker**)
- Refactored 10k+ lines of code in database architecture for sensitive user information to improve privacy under the **GDPR** compliance.

• The Weather Network

Oakville, ON

Software Developer, Co-op

May. 2017 – Aug. 2017

- Researched, Designed, and Implemented a **React Native** app for the potential Canadian National Alert System user app.
- Tech stack includes **Babel**, **ES6**, **NodeJS**, **Python** and **Redis**. Designed a standard JSON format for national alerts from multiple real-time official sources including Earthquake Alerts, Thunderstorm Alerts, Snowstorm Alerts, Public Health Alerts, etc.
- Recognized as an inventor on a **patent** application entitled **SYSTEMS AND METHODS FOR LOCATION-BASED ALERT GENERATION** filed by Pelmorex Corp. to the Canadian Intellectual Property Office and United States Patent and Trademark Office.

• TD Lab

Kitchener, ON

Innovation Developer, Co-op

Sept. 2016 – Dec. 2016

- Researched, Designed and Implemented two **Android** (Java) prototypes using TD's live banking APIs and promotes innovation for the bank's sophisticated customer-facing applications.
- Earned the opportunity to enter a beta release internally in TD as a team after leading a formal presentation to the TD Innovation Council on the prototype **Transaction Insights**.

PROJECTS

• Snake Game | C++, GUI

[GitHub](#)

• Sudoku Blitz | Java, Android

[Google Play Store](#)

SKILLS

- Languages:** JavaScript ES6, Python, C/C++, HTML/CSS, Java, Swift, BrightScript, SceneGraph
- Frameworks:** React, React Native, NodeJS, GraphQL
- DevOps:** Git, Docker, Jenkins, AWS, Visual Studio Code, Android Studio, Xcode, Charles, Roku
- Interested in:** HCI, Visual Communication, Conceptual Art

