

SKILLS

Languages Python · HTML · CSS · JavaScript · C · C++ · SQL · APEX

Libraries/Frameworks React · jQuery · React Native · Redux · REST · Numpy · Pytorch · Matplotlib

Tools Git · VSCode · Bash · Salesforce · Android Studio · Jira · BitBucket

EXPERIENCE

Newtopia | **Junior Fullstack/Mobile Developer** | North York, Ontario

Apr 2020 – Present

- Developed unsaved warnings feature using **Apex (Java based code)**, **JavaScript**, and **HTML** protecting clients from losing data
- Integrated client exit procedure, using **SQL** to query its employees and update its status, using Apex to create a batch job, automatically sending emails when the job is done, and using **HTTP callouts** to unsubscribe Fitbits
- Worked in an agile software development environment using **Git**, **Jira** and **BitBucket**
- Created new mobile app pages using components, lifecycle methods, hooks, props and states in **React Native**, paired with **Android Studio**, and **Redux**

Does Software Inc | **Junior Front End Developer** | Scarborough, Ontario

Apr 2019 – Jul 2019

- Developed front-end features with **HTML**, **CSS**, **jQuery** and **Angular** on the ecommerce website strutmetal.com
- Handled client-side interaction with jQuery including searching for merchandise and adding items to cart
- Created slide show component with responsive buttons implementing partial page updates using jQuery
- Implemented animation on the web by using **CSS transitions** and **jQuery effects**

Aurora Programming Club | **Director of Programming** | Aurora, Ontario

Sept 2018 – May 2019

- Taught students **Python** and object oriented programming raising students' Canadian Computing Contest and Education Computing Organization of Ontario scores by 60%.

Southlake Regional Health Center | **IT Intern** | Newmarket, Ontario

Sept 2017 – Feb 2018

- Automated multiple workflow application forms used throughout the entire hospital with **Python** and SRHC's unique scripting language

PROJECTS

FocusPocus

- Created using **JavaScript** and **Pytorch**
- Chrome Extension that tracks the content of what you are browsing, and implements NLP to interpret and sort into categories so users can view reports on their productivity and distractions.
- Charts are displayed to show length of time taken to browse customizable categories (gaming, movies, etc.) using **Matplotlib**

Badminton Tryout System

- Badminton Tryout System for high school with 100+ student users using **Python**
- Constructed a ranking algorithm for all players based on limited matches using both point systems and the many to many data model resulting in 3x the original rate due to less required games, easy tracking, and automated ranking
- Players can also view their profile and match history using objected oriented programming

Smart Mirror

- Integrated facial recognition authentication built from the **OpenCV** library in **Python** to log into the mirror
- Built widgets including calendar, camera, and Spotify using **React JS** and **REST APIs**

EDUCATION

University of Waterloo | **Software Engineering**

2019 – 2024

3.8 cGPA · Term Dean's Honour List · President's Scholarship of Distinction · GHC 2020 Cohort

ACHIEVEMENTS

Feb 2020 Google Hash Code Competition Top 30 in Canada

Feb 2018 Education Computing Organization of Ontario Competition 2nd in Central Region