

# Harrison Fok

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## Skills

### Web Development

#### Frontend

React

Redux

Bootstrap

HTML5 + CSS3 + JavaScript

#### Backend

Node + Express

Mongoose

MySQL

Go

PHP

.NET C#

### Software Development

#### Languages

Java + Android

Python

C

Shell Script

VBscript

#### Libraries/Tools

Pandas

Keras

Docker

AWS

## Work

### University Health Network

01/2019 - 04/2019 | Software Developer

- Developed a full-stack Go web application using Blue Jay MVC, fulfilling client needs through feature implementation
- Individually completed a project that stores JSON data into CSV
- Migrated a huge amount of client data with more than 30 sections into the database of the web application

### York Region District School Board

05/2017 - 08/2017 | Programmer

- Developed a web application using .NET C#, JavaScript, Bootstrap, and Exchange server to extract daily Outlook appointments
- Developed a Business Intelligence report for displaying all IB students by querying more than 20 tables with different logic

### CIBC

09/2016 - 12/2016 | Test Analyst

- Corrected issues with 8 existing automation scripts and wrote 13 new ones, increasing speed and efficiency by at least 500%
- Documented learning and trainings in Microsoft Word as reference for future Co-op students

## University Positions

### Group Leader

Asian Christian Fellowship | 09/2015 - 02/2017

- Created weekly presentations, summarizing readings from prepared materials, and facilitated discussions

### Executive

Chinese Christian Fellowship | 03/2017 - 12/2017

- Planned programs invited guest speakers, and organized events for the student club

## Education

### University of Toronto Scarborough

Computer Science Specialist - Software Engineering | 2013 - 2021

## Projects

### BuyMyStuff

12/2020 - Present | <https://github.com/HarrisonFok/BuyMyStuff>

- Developing a MERN stack website to sell my excess belongings
- Integrated the PayPal API (still in sandbox mode)
- Implemented shopping cart and Ask Question page

### Magic Video

03/2020 - 04/2020 | <https://github.com/HarrisonFok/project-team-pepega>

- Developed a video editing web application in a team setting, using the library node-fluent ffmpeg
- Set up the initial code for the MERN stack web app
- Implemented additional features the team wanted to achieve, such as adding transition effects

### MyBlog

05/2018 - 06/2018 | <https://github.com/HarrisonFok/MyBlog>

- Developed a website using the MEN stack, and EJS, allowing user authentication, signup, adding, viewing, editing, and deleting blogs

### Python GUI grading app

09/2017 - 11/2017 | [https://github.com/HarrisonFok/L02\\_04](https://github.com/HarrisonFok/L02_04)

- Developed a GUI app in Python within a 5 person team with Tkinter, achieving A+
- Connected all features by the end into a working product