

# Harrison Fok

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## Skills

### Web Development

#### Frontend

React

Redux

Bootstrap

Tailwind

HTML5 + CSS3 + JavaScript

jQuery

Vue.js

Next.js

Angular

Typescript

Socket.io

Ignition

#### Backend

Node + Express

Go

Spring Boot

Mongoose

MySQL

Django

PHP

.NET C#

### Software Development

#### Languages

Java + Android

Python

C

Shell Script

VBscript

#### Libraries/Tools

Tkinter

Docker

AWS

Pandas

Sci-kit Learn

Keras

## Education

### University of Toronto Scarborough

Computer Science Specialist - Software Engineering | 2013 Sept - 2021 April

## Work

### Brock Solutions

05/2021 - Present | Software Developer

- Developing a full-stack web application (for industrial use) using Ignition as frontend and SQL stored procedures as backend

### University Health Network

01/2019 - 04/2019 | Software Developer (Co-op)

- Developed a full-stack Go web application using Blue Jay MVC, fulfilling client needs through feature implementation
- 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 (Co-op)

- Developed a web application using .NET C#, JavaScript, Bootstrap, jQuery, and Exchange server to extract daily Outlook appointments
- Developed a Business Intelligence report by querying multiple tables using SQL Server Reporting Services

### CIBC

09/2016 - 12/2016 | Test Analyst (Co-op)

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

## Projects

### BuyMyStuff

12/2020 - 02/2021 | <https://github.com/HarrisonFok/BuyMyStuff>

- Developed a MERN stack website to sell my excess belongings
- Implemented frontend and backend of a chat app with socket.io
- Integrated the PayPal API (in sandbox mode)
- Implemented shopping cart, Ask Question page, customer review

### Magic Video

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

- Developed a video editing web application using 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

### 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