Harrison Fok

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Skills

Web Development

Frontend

React Redux Bootstrap

Tailwind HTML5 + CSS3 + JavaScript

Vue.js Nuxt.js Socket.io

Backend

Node + Express Go Spring

Mongoose MySQL Django

.NET C#

Software Development

Languages

Java + Android Python

Libraries/Tools

Tkinter Docker

Education

University of Toronto
Computer Science Specialist - Software
Engineering Co-op | 2013 - 2021

Work

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

Projects

WeTeach
04/2021 - 06/2021 | https://github.com/HarrisonFok/WeTeach -> private

- Set up boilerplate for developing the app using Nuxt and FastAPI, allowing CRUD operations for Discussion Forum
- Planned personas and user stories for the app, ordering tasks catered to client needs

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

- 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