Patrick Murphy

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Summary

Full stack developer exited to start a career in software development. Experience developing full stack web applications, small mobile apps, and using and creating RESTful APIs. An enthusiastic problem solver, my obsession with learning and producing the best possible work make me an excellent job candidate. Sample projects can be viewed on my Github profile.

Skills

Languages				Technologies				Other		
Python	Java	PHP	SQL	Laravel	Node	React	Angular	Documentation	Version Control	
JavaScript	HTML		CSS	JSP	MongoDB	Bootstrap	Android	Machine Learning		Agile

Professional Experience

George Brown Research   **Software Developer**   **Sept 2018 – Dec 2020**

- Collaborated with stakeholders and a team of five developers to create the Literacy Uplift web and mobile apps.
- Managed the flow and logic of the web application, including designing and developing views and controllers using PHP, HTML, and CSS with the Laravel and Bootstrap frameworks.
- Developed the web API, enabling mobile application access to database information with PHP, SQL, and JSON.
- Maintained the status of the web application's online development and testing server with Apache and Linux.
- Architected the structures that were used to define the core functionality of the application's quizzes using XML.

Education

Computer Programmer Analyst   **2017 - 2019**

George Brown School of Computer Technology, Toronto, ON

- Graduated on the Dean's list with a 3.8 cumulative GPA and 4.0 final semester GPA.
- Hired by George Brown Research and Innovation division for the Literacy Uplift project.

Engineering   **2010 - 2013**

Queens University, Kingston, ON

- One year of general engineering, one year of mathematical engineering, one year of computer engineering.

Projects

Web Chat with Sockets

- Web chat application with a back end and admin functionality. Designed with React, Socket.io, and MongoDB.

Cisco Hackathon Github Chat Bot

- A chatbot integrating GitHub and Cisco Teams' APIs to automate the creation of chat rooms for your repositories, see collaborators for each of them, view your starred repositories, and search GitHub repositories.

Plant Monitoring Website featuring Arduino and Raspberry Pi

- Hardware and software systems designed to monitor plants, wherever they may be. Monitors the temperature, humidity, and light of its environment. Uses an Arduino MEGA connected to a Raspberry Pi, Python, and Django.