

Paul Warnick

Student | Developer | Designer

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Experience

BlackBerry

Waterloo, ON

Software Developer

Jan. 2017 – Apr. 2017

- Designed, developed and tested Java based security libraries for Vehicle to Vehicle communications
- Adhering to info security and cryptography principals to insure absolute protection of end user data

Multimedia Developer

Sept. 2016 – Dec. 2016

- Developed web-based training modules for internal and external users with the use of front-end technologies including JavaScript and GreenSock
- Led the creation of a Python based automation software allowing for a significant reduction in employee time required to complete specific tasks

McMaster University

Hamilton, ON

Web Application Developer

May 2016 – Aug. 2016

- Designed and implement multiple online web applications using C++ and PHP allowing for users to simulate the steelmaking process for a Basic Oxygen Furnace and an Electric Arc Furnace
- Led the development and maintenance of McMaster's Steel Research Centre modelling website

Spectrum Patient Services

Hamilton, ON

Medical Attendant

Aug. 2014 – Apr. 2016

- Transferred patients from hospital to hospital in a medically equipped ambulance
- Hands on experience working with doctors, nurses, and paramedics to ensure patient well-being

Duncare Cleaning Services

Burlington, ON

Software Engineer and Financial Consultant

May. 2015 – Aug. 2015

- Worked in a small team environment to implement a financial software suite ultimately increasing annual net profits by 2.36%
- Consulted with managers to decide the best course of action to take in terms of the company's financial expansion
- Launched the company website resulting in increased job applications and customer inquiries

Projects

Rank My Resume

Hackathon Submission

- An Android application that uses HPE's Haven OnDemand APIs to rank an individual's resume by simply snapping a picture of it

Battle of Wits

Hackathon Submission

- A real world fighting simulation game that utilizes a MUSE headset and a Myo armband allowing for users to duel each other using not only their bodies, but also their minds

ArcGIS Mapping Application

School Project

- A Java based desktop application that uses mapping software and algorithms to generate a route between two locations that has no left turns (increasing the efficiency and safety of the trip)

Education

McMaster University

Hamilton, ON

B.A.Sc. Computer Science | Minor in Business

Sept. 2013 – Apr. 2018

Skills

Languages

Java, Python, C++, JavaScript, HTML/CSS, SQL, PHP, XML, ASN.1

Frameworks

jQuery, Bootstrap, Node.js, Socket.io, WordPress, GreenSock, Foundation