

James Earle

(647) 404-3067 – St. Catharines, ON – me@jamesearle.ca – www.jamesearle.ca

EDUCATION

BSc. (Honours) Computer Science & Economics, Concentration in Software Engineering

87%

Brock University, St. Catharines, ON

2011 – 2016

- Dean's Honour List, Faculty of Mathematics and Science 2013 – Present
- Brock Returning Scholar's Award, Tier 1 & 2 2012 – Present
- ACM International Collegiate Programming Contest (Honourable Mention) November 2014

PROFESSIONAL EXPERIENCE

Microsoft Student Partner

Microsoft Canada, St. Catharines, ON

September 2014 – Present

- Chosen as 1 of only 2 Canadian MSPs to represent Canada at the World Wide MSP Summit in Seattle, WA, in July 2015. Improved the Microsoft presence on campus through promotional and educational technical events.

Full Stack Developer

Cross Border Housing Inc., St. Catharines, ON

June 2015 – Present

- Created a responsive website in a startup environment, built predominantly using PHP with Laravel 5, and JavaScript with the Google Maps API, hosted on Microsoft Azure. www.crossborderhousing.com

Junior Developer

Zip Telecom Inc., Mississauga, ON

January 2016 – Present

- Designed and restructured the company website, as well as developed internal company forms and the private customer portal using HTML, CSS, JavaScript, and PHP.

Teaching Assistant

Brock University, St. Catharines, ON

September 2014 – April 2015

- Guided class content with instructed tutorials twice weekly as well as grading of student assignments and exams for Intro to Computer Science and Intermediate Microeconomics.

TECHNICAL EXPERIENCE

Languages:

- Web Development: PHP with Laravel 5, HTML, CSS, JavaScript, jQuery, MySQL
- General Programming: Java, Python, C#, C/C++, Ada, Prolog, XML, XAML

Software:

- Git, Selenium Builder, Travis CI, Linux CLI, LaTeX, Twilio, Google Maps API, Visual Studio, Android SDK, NetBeans IDE, Microsoft Azure, Windows Phone 8/8.1 SDK, Sublime Text, Adobe After Effects, Adobe Photoshop

Projects:

- [CS Breakdown](#) – YouTube series on topics in Computer Science. Coding samples provided in Java.
- [Relic](#) – Team Lead for Android/iOS app used to trade textbooks. Uses Java/XML and PHP with Laravel 5.
- [GPP](#) – Undergrad thesis on predicting stock prices using evolutionary computation. Uses Java and Python.
- [Formulize](#) – Open source PHP software for industry-level data management. Contributions via UCOSP.
- [Chess](#) – Engine with AI and full GUI, written in C# using a minimax tree with Alpha-Beta pruning.
- [SmokeFree](#) – DeltaHacks II entry, an app that uses a Pebble's accelerometers to monitor your smoking habits.

OTHER EXPERIENCE

President, Executive Member

Brock University Computer Science Club

September 2013 – Present

- Organizing events for Computer Science Club members like hackathons and technical demos. Delegating tasks to other CSC executive members, managing club finances, and representing students in the department.

twitter.com/JamesMSP

github.com/JamesEarle

linkedin.com/in/JEMSP