James Earle

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EDUCATION

BSc. (Honours) Computer Science & Economics, Concentration in Software Engineering GPA – 87%
Brock University, St. Catharines, ON 2011 – 2016

PROFESSIONAL EXPERIENCE

Microsoft Student Partner
Microsoft Canada, St. Catharines, ON *September 2014 – Present*
- Improved the Microsoft presence on campus through promotional and educational events covering Visual Studio mobile/desktop development, Microsoft DreamSpark, The Imagine Cup, and Microsoft's Developer Movement.

PHP Developer
Cross Border Housing Inc., St. Catharines, ON *June 2015 – Present*
- Responsible for both front and back end development, maintaining a dynamic, content-based website built predominantly using PHP with the Laravel 5 framework, hosted on Microsoft Azure.

Teaching Assistant
Brock University, St. Catharines, ON *September 2014 – April 2015*
- Aided Professor D. Hughes (Intro to Computer Science), and Professor X. Bai (Intermediate Microeconomics) by guiding class content with instructed tutorials twice weekly, as well as grading assignments and tests.

TECHNICAL EXPERIENCE

Languages:
- Web Development: HTML, CSS, Javascript, MySQL, PHP (With Laravel 5)
- General Programming: Java, Python, C/C#, Prolog, Ada, XML

Software:
- Visual Studio, NetBeans IDE, Microsoft Azure, Android Studio, Android SDK, Windows Phone 8/8.1 SDK, Sublime Text, Linux, GitHub, LaTeX, Adobe After Effects, Adobe Photoshop

Projects:
- *CS Breakdown* - A YouTube series on topics in Computer Science. Coding samples provided in Java.
- *Relic* - Android/iOS application for trading textbooks. Uses PHP with Laravel 5 & Java/XML.
- *GPP* - Generation of stock trading rules through Genetic Programming. Implemented using Java with ECJ
- *Formulize* - *Open* source PHP software for industry-level data management. Contributions via UCOSP.

OTHER EXPERIENCE

President, Executive Member
Brock University Computer Science Club *September 2013 – Present*
- Organizing events for Computer Science students. In September 2015, I will also take the additional responsibilities of president.

AWARDS

Brock University
- Dean's Honour List, Faculty of Mathematics and Science 2013 – Present
- Brock Returning Scholars Award, Tier 1 & Tier 2 2012 – Present
- ACM – ICPC Honorable Mention November 7-8, 2014