

## WORK EXPERIENCES

### **SOFTWARE DEVELOPMENT ENGINEER** (May 2012 – Aug 2012)

*Microsoft Corporation, Redmond, Washington*

- Windows Phone Kernel and Storage team
- Designed and developed a tool that allows OEMs and developers to manipulate Windows Phone images without administrator privileges
- Designed and implemented security measures within the tool to prevent malicious use
- Worked to integrate tool into current image generation process
- Conducted regular meetings with stakeholders to discuss design decisions

### **EMBEDDED SYSTEMS TEST DEVELOPER** (Sept 2011 - Dec 2011)

*Research in Motion, Mississauga, Ontario*

- Developed automated test scripts using Python and shell script for Adobe Device Certification Test Suite (DCTS)
- Created and maintained nightly tests for various mobile device for Adobe DCTS in a lab environment
- Improved detection rate and efficiency for issues related to Adobe Flash and AIR
- Deployed native tests for OpenGL ES on various mobile devices

### **SOFTWARE DEVELOPER** (Jan 2011 - Apr 2011)

*Advanced Micro Devices, Markham, Ontario*

- Created and maintained web reports using Perl, ASP.NET, ColdFusion, and MSSQL to provide a quick status overview of developers
- Improved efficiency by migrating a change log tool onto a new server
- Designed web sites for test and status reporting using CSS and JavaScript

### **JAVA DEVELOPER** (May 2010 - Aug 2010)

*MKS, Waterloo, Ontario*

- Created automation testing scripts to test web services allowing developers to track the status of web services
- Maintained web services tests to ensure that tests are up to date with the most recent builds
- Implemented bug fixes for a variety of application levels using Java

**JAVA DEVELOPER** (Sept 2009 - Dec 2009)

*The Economical Insurance Group, Waterloo, Ontario*

- Investigated and recommended changes to the structure of an enterprise class application
- Mapped project dependencies to identify errors in the hierarchy of the application
- Documented procedures for in-house development tools
- Created procedural diagrams for broker/policy system interaction process

**APPLICATION DEVELOPER** (Feb 2009 - Apr 2009)

*Environment Canada, Burlington, Ontario*

- Analyzed client needs and developed an inventory system using Visual C#
- Created inventory system using an MS SQL database back-end, with user interface made with Visual C#
- Responsible for development, troubleshooting, and testing
- Monthly meetings with clients to discuss progress and gather feedback for improvements

## RELEVANT EXPERIENCES

- Developed a low level .wav file player and RTOS in C
- Wrote automation test scripts in Python and shell scripts for mobile devices
- Built, designed and debugged an 8x10 LED light board controlled by an Arduino
- Created a low level C application to observe the behaviors of different methods of synchronization
- Published app developer on the Windows Phone 7 marketplace ([app](#))
- Development of Android applications as a personal project

## INTERESTS

- Captain of several intramural basketball team from 2008 through 2012
- Attended regular meetings and dealt with league commissioner regarding issues surrounding the team
- Enjoys playing basketball, Ultimate Frisbee, and Starcraft II

## EDUCATION

- Candidate for Bachelor of Applied Science, University of Waterloo, Sept 2008 - Present
- OSSD, Don Mills Collegiate Institute, Toronto, Ontario, Sept 2005 - June 2008