Joyce Tsui

Candidate for Bachelor of Computer Science
& Business Administration

Technical Experience

Software Development Engineer
Amazon Inc, January 2016 - April 2016

Designed work flow for new software product type to be uploaded, serialized and stored.

Improved functionality and added new features to web application using Google Web Toolkit and Java.

Re-factored existing code to use Model View Controller and Mockito to allow for unit testing and increased test coverage by 20%.

Automation Test Developer
Gavel & Gown Software, January 2015 - April 2015

Wrote C# automation tests using Selenium WebDriver.

Built regression test system and framework for web software.

Tripled time and improved accuracy of regression testing.

Created automated tests for new features.

QA Tester and Developer
Proofpoint Canada, January 2014 - April 2014

Wrote bash scripts for in house tools to configure virtual machines to create lab environment for testing.

Configured lab environments and tested new features.

Built Selenium WebDriver framework and wrote regression test scripts.

Projects

SousChef Android App
May 2016 - July 2016

Designed user interface for recipe searching app.

Implemented Android activities for storing ingredients and creating queries to interact with back-end.

Basic Supply Chain Management System
May 2016 - July 2016

Created simple supply chain management system using Windows Presentation Foundation as the interface and MySQL database

Information
Waterloo, Canada
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Languages

Language	Proficiency
C	● ● ○ ○
C++	● ● ● ○
C#	● ● ● ○
Scheme	● ● ○ ○
Java	● ● ● ○
Bash	● ● ○ ○
HTML/CSS	● ○ ○ ○
Latex	● ○ ○ ○

Tools
Git
Mockito
Google Web Toolkit
Eclipse
Android Studio
VMware
Selenium WebDriver
Team Foundation Server
Visual Studios 2010, 2012

Application Software
Microsoft Office Tools
Adobe InDesign
Adobe Photoshop
Adobe Illustrator

Education
B.CS
September 2012 - Present
University of Waterloo

B.BA
September 2012 - Present
Wilfred Laurier University

Volunteer Experience

Glow Centre Service Coordinator
The Glow Centre for Sexual and Gender Diversity, Fall 2014 - Present

Worked with other students on logistics to run a community centre.
Contacted members of the community for advocacy and outreach.
Organized University of Waterloo's participation in Toronto Pride Parade.
Educated student body on LGBTQ* issues

Tech Out Camp Volunteer
Amazon Women in Engineering, March 2016

Designed poster and activity for map coloring
Taught girls in grades 7 - 12 basics of map coloring
Presented graph theory and other computer science related concepts

Mentor & Volunteer
Women in Computer Science, Fall 2014 - Present

Attended Grace Hopper Conference 2014 on behalf of university.
Mentored first year computer science students in academic success.
Organized and ran orientation activities for incoming female students.

Tax Clinic Volunteer
Canada Revenue Agency, March 2015 - April 2015

Used eFile software to file tax returns.
Prepared tax returns for members of public.
Contacted CRA to resolve documentation discrepancies.
Filed and organized paperwork for submission to CRA.

Activities and Interests

Math Orientation Leader
Contemporary Dancer
Federation of Students Volunteer
Mathsoc Volunteer
Yearbook Editor
Hip Hop Club Member
Cabaret Club Member