Ruoyi (Roy) Wang B.SE.

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SKILLS SUMMARY

- Familiar with OOP, OOD, their principles and applications
- Languages: Java, C/C++, JavaScript (Knockout.js, etc), PHP(Hack), C#
- Test Automation: JUnit, Selenium, PHPUnit, TestComplete
- Also: DynamoDB, Git, Mercurial

WORK EXPERIENCE

Software Development Engineer   *May/2015 - Present*
Amazon.com, Toronto, ON

- Part of the *Customer Service Technology* organization
- Building an Java EE web application that improves customer service's performance
- Maintained and enhanced the development cycle as a scrum master

Software Development Engineer Intern   *September/2014 - December/2014*
Microsoft, Redmond, WA

- Worked on Microsoft Dynamics CRM for mobile platforms
- Practiced React, TypeScript, C#, Script#
- Contributed to menu features and the performance reporting tool

Foundry Developer Intern   *January/2014 - April/2014*
Microsoft, Cambridge, MA

- Created an Xbox One application in a team of 4
- Practiced JavaScript (WinJS), HTML, C#
- Designed and implemented the back end for the application
- Familiarized with Azure Cloud Services and Azure Mobile Services

Platform Stability Engineer Intern   *May/2013 - August/2013*
Facebook Inc., Menlo Park, CA

- Practiced PHP(Hack), Javelin (JS), HTML, and CSS
- Worked on the Facebook Developers site
- Implemented a new comment notification system for bug reporting pages
- Performed code migration to update the UI for the bug reporting tool

Software Developer Co-op   *September/2012 - December/2012*
well.ca, Kitchener-Waterloo, ON

- Practiced PHP, jQuery, HTML, and CSS
- Implemented features such as gift-wrapping an online shopping order
- Worked on front-end and back-end's database separation
- Co-designed backend API
- Developed automated unit and regression tests with PHPUnit and Selenium

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PROJECTS

hrt.lighting   *May/2014 - April/2015*
hrt.lighting - *Fourth Year Design Project, uWaterloo*

- A web app that allows the users to sync their Phillips Hue light bulbs to videos
- Defined a Hue Rip Text (hrt) track format that represents light tracks

- With third party libraries, constructed a tool that allows user to generate a hrt track form their browser

MayoPIC

January/2013

- A web app that allows users to guess their friend's names through their friend's profile picture
- Built with the Django framework, and the Facebook Graph API

EDUCATION

Bachelor of Software Engineering

September/2010 - April/2015

University of Waterloo, Waterloo, ON

Noticeable Course - Real-Time Programming

May 2014 - August 2014

Constructed a real time operating system that controls a train set

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ACHIEVEMENTS, ACTIVITIES, & INTERESTS

Honorable Mention in the 2013 Facebook Hackathon in uWaterloo

January 2013

Badminton