Fasih Awan

3A Software Engineering
Email: fasihawan@gmail.com
Phone: (650) 300 9613

SKILLS

- Knowledge and experience in: Java, C++, Ruby, Bash, Python, Git
- Experience working in a Linux/UNIX environment
- Knowledge of various Object Oriented Programming principles
- Experience working in an Agile Development Cycle gained through work experience

EXPERIENCE

Software Engineer Intern   September 2013 - December 2013
Axcient, Mountain View, CA, USA

- Wrote Bash scripts to improve on regression drivers for hardware level testing
- Managed C++ codebase to improve speed through data backup process
- Wrote Python code to help setup Linux based tasks such as vdiff-backup through Windows

Software Engineer Co-Op   January 2013 - April 2013
Locationary, Toronto, ON

- Fixed bugs and added new features in the Java web-backend and JSP frontend
- Fixed several business logic related issues on the backend
- Created a FileUpload system using an open-source JavaScript library and a PHP backend script for use with Locationary's system
- Worked in an Agile environment with daily stand up meetings

PERSONAL PROJECTS

Toronto Co-Op Housing,

- Produces heatmap of housing prices near vicinity of user's co-op placement
- Created webscrapers using Ruby to collect data on housing prices
- Created at the LinkedIn Hackathon with two other members

Map Creator,

- Allows user to create a map image in a $n \cdot n$ grid with image blocks
- Created using Java and the SWING framework

Project Reference: github.com/Ommy

EDUCATION

Bachelor of Software Engineering,
University of Waterloo, Canada expected April 2016

Relevant Assignments
WLPP Parser - Foundations of Sequential Programming

- Created a parser in Java for subset of C language, WLPP, to parse to the MIPS assembly language

Relevant Courses
Software Abstraction and Specification, Data Structures and Data Management