

Fasih Awan

3A Software Engineering
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SKILLS

- Knowledge and experience in: Java, C++, Python, Bash, Ruby, Git
 - Experience working in a Linux/UNIX environment
 - Knowledge of various Object Oriented Programming principles
 - Knowledge of several data structures and design patterns
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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
- Cleaned up C++ codebase to remove multiple FileSystem library functionality
- Wrote Python code to setup Linux based tasks to run file backups through a Windows host
- Worked with Exchange Server to switch from MAPI protocol to use Microsoft's EWS API

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
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PERSONAL PROJECTS

Toronto Co-Op Housing,

- Produces heatmap of housing prices near vicinity of user's co-op placement
- Created web scrapers 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