Fasih Awan

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SKILLS

- Knowledge and experience in Java, C++, Bash, Ruby, Git, and Python
- Experience working in a Linux/UNIX environment
- Experience with several tools and libraries such as Android, Swing, JUnit, and Microsoft EWS

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
- Introduced new C++ library into application to handle File System operations
- 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
- Wrote unit tests in JUnit to verify functionality of tasks

QA Analyst   May 2012 – August 2012
Kobo Books, Toronto, ON

- Tested Kobo Android Reading application through different scenarios
- Tested Android application through different scenarios
- Tested iOS application for language localization

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

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

EDUCATION

Bachelor of Software Engineering,   September 2011 – April 2016 (Expected)
University of Waterloo, Canada

Relevant Courses
Data Structures and Data Management, Operating Systems, User Interfaces, Software Abstraction and Specification