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Summary of Qualifications

Passionate Software Developer with solid programming, algorithm and communication skills. Experienced Mobile and Backend Developer.

Top Languages: Java, Python, C#, JavaScript

Frameworks & Technologies: Android SDK, Junit, Mockito, Pytest, .NET, NodeJS, Git

Education

Carnegie Mellon University (3.78/4.0) MS Software Engineering	Mountain View, CA Sept 2015 - Dec 2016
Boston University (3.88/4.0) Post-Baccalaureate in Computer Engineering	Boston, MA June 2013 - May 2015
University of Toronto (3.33/4.0) Graduated Cum Laude Honors BA in English and Philosophy	Toronto, ON, Canada May 2011

Experience

Amazon Web Services SDE Intern	Seattle, WA Jun - Aug 2015
<ul style="list-style-type: none">Built a rollback utility for routers and switches in the AWS fleet that reduced potential blackouts from 10+ hours to 10 minutesCreated shell commands and external APIs to access the rollback utility	
Bentley Systems SDE Intern	Boston, MA Jan - May 2015
<ul style="list-style-type: none">Constructed a user-based access control cloud service for Bentley CONNECT cloud services with a supporting RESTful API and .dll interface to Azure storageDesigned and implemented a command line application for CRUD operations on custom queries in Team Foundation Server	
Microsoft PM Intern, Application Insights	Redmond, WA May - Aug 2014
<ul style="list-style-type: none">Planned and developed a Business Insights tool for Diagnostic SearchManaged the Diagnostic Search End-to-End user experience	

Projects

Classic Sudoku App (Android - Java, JUnit, Mockito, Hamcrest, XML, Android Studio)

- Developed an Android version of the popular game Sudoku
- Designed AI for on-the-spot game generation at user-specified difficulty levels

Survivable Social Network (NodeJS, ExpressJS, SQLite, JQuery, Bootstrap, Browserify, JUnit)

- Deployed a social network on a System-on-Chip board (Beaglebone Black) for wireless communication in emergency situations
- Mobile-first application with both GUI and RESTful interface

DropIn App (Android - Java, XML, Eclipse)

- Developed and published a location-based Android app for nonprofit BecauseWater
- Interfaced with Google Maps API and a proprietary database via a RESTful API