Jeffrey Vales Kennedy

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Summary of Qualifications

Skilled Software Engineer with experience in **mobile** and **backend development** and a focus on creating strong user experiences with clear value propositions.

Top Languages: Java, Python, JavaScript, C#
Frameworks & Technologies: Android SDK, JUnit, Mockito, jQuery, NodeJS, Git, MySQL

Education

Carnegie Mellon University (3.89/4.0)   Mountain View, CA
   Eta Kappu Nu Honor Society; MS Software Engineering   Sept 2015 - Dec 2016

Boston University (3.88/4.0)   Boston, MA
   Post-Baccalaureate in Computer Engineering   June 2013 - May 2015

University of Toronto (3.33/4.0)   Toronto, ON, Canada
   Cum Laude; Honors BA in English and Philosophy   May 2011

Experience

IMDb Pro - Software Development Engineering Intern (May – July 2016)
- Implemented and tested a full-stack workflow for users to cancel their accounts
- Captured, persisted, and surfaced user cancellation data in a data warehouse for improved business intelligence about why users cancel their accounts
- Developed a unit testing strategy for IMDbPro pages built in the Amazon UI framework

Amazon Web Services – Software Development Engineering Intern (Jun – Aug 2015)
- Built a rollback utility into the operating system used on AWS routers and switches
- In the event of a router or switch entering an unreachable state, network engineers can signal the device to automatically roll back to a previously known good state, reducing potential blackouts from 10+ hours to 10 minutes

Bentley Systems – Software Development Engineer Intern (Jan – May 2015)
- Constructed a user-based access control service on top of Windows Azure, to be used by software developers managing access to their own in-development services
- Produced a command line application for custom queries in Team Foundation Server

Microsoft – Program Manager Intern (May – Aug 2014)
- Planned and developed a business insights tool for the Diagnostic Search feature of Application Insights, an analytics service for Windows Azure services
- Managed the Diagnostic Search end-to-end user experience

Projects

CaughtUp App (Android – Java, XML; AWS – EC2, S3, MySQL)
- Created a news-centric social network with a Java back-end and MySQL database
- Concurrent tasks monitored RSS feeds from major news sources and updated database

Classic Sudoku App (Android – Java, JUnit, Mockito, Hamcrest, XML)
- Developed an Android version of the popular game Sudoku
- Designed AI to calibrate on-the-spot game generation at user-specified difficulty levels

Survivable Social Network (NodeJS, ExpressJS, SQLite, JQuery, Bootstrap, Browserify)
- Created an emergency social network on a System-on-Chip board
- Mobile-first application with both GUI and RESTful interfaces