

# Jeffrey Vales Kennedy

[jeffrey.vales.kennedy@west.cmu.edu](mailto:jeffrey.vales.kennedy@west.cmu.edu) • (857) 540-1579 • Mountain View, CA  
[github.com/valesken](https://github.com/valesken) • [linkedin.com/in/jeffvaleskennedy](https://linkedin.com/in/jeffvaleskennedy) • [valesken.github.io](https://valesken.github.io)

## Summary of Qualifications and Objective

Skilled software engineer with experience in **mobile** and **backend development** and a focus on creating strong user experiences with clear value propositions. Seeks to join a dynamic software team in a company dedicated to reinventing ways to make customer's lives better. Professional strengths include: creating and building ways to ensure customer satisfaction, offering thought-provoking ideas, futuristic views, professional presence, curiosity and calm team player. Have international experience in Japan, UK and Canada.

**Top Languages:** Java, Python, JavaScript, C#

**Frameworks & Technologies:** Android SDK, JUnit, Mockito, jQuery, NodeJS, Git, MySQL

## Education

<b>Carnegie Mellon University</b> (3.89/4.0) Eta Kappa Nu Honor Society; MS Software Engineering	Mountain View, CA Sept 2015 - Dec 2016
<b>Boston University</b> (3.88/4.0) Post-Baccalaureate in Computer Engineering	Boston, MA June 2013 - May 2015
<b>University of Toronto</b> (3.33/4.0) Cum Laude; Honors BA in English and Philosophy	Toronto, ON, Canada 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

**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

**Harvard Business School Disability Assistance Innovation**

- Helped develop text-to-speech software to teach applied math to visually impaired students