Kyle Falconer

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Android	JavaScript	Python
Java	NodeJS	Linux API
Kotlin	HTML5	C

EDUCATION

Bachelor of Science in Computer Science, minor in Mathematics *December 2014*
Missouri State University; Springfield, Missouri
- ABET accredited program

PROFESSIONAL EXPERIENCE

Software Development Engineer II *June 2018 to present*
Amazon; Santa Cruz, California
- Software developer working on Alexa accessibility projects. Contributing member to the Alexa Captions and Tap To Alexa features for Echo Show and Echo Spot on FireOS

Software Development Engineer I *January 2017 to June 2018*
Amazon; Santa Cruz, California
- Software developer working on the Android version of the Alexa Mobile companion application

Full Stack Developer *February 2016 to January 2017*
Santa Clara Valley Transportation Authority; San Jose, California
- Developing software for internal and external applications to transform transportation in Santa Clara County

- Maintaining existing and building new applications from scratch, working closely with VTA management, Marketing, and Communications teams

Software Engineer *January 2015 to February 2016*
IBM, Software Group; San Jose, California
- Maintained the Resource Manager and Library Server multi-platform applications written in C and Java as part of the IBM Content Manager level 3 support team.

- Responsible for maintaining and adding features to DB2 Text Search integration and checking for security vulnerabilities using AppScan Source.

Web Works Student Developer *July 2011 to August 2014*
Missouri State University, Office of Web and New Media; Springfield, Missouri
- Maintained the Android version of MSU Mobile, adding the #GoMaroon photo upload feature, developing a custom WebView module, implementing the News Feed, and modifying the look and feel of the application to fit design requirements. MSU Mobile is kept in a Git repository, consists of over 50,000 lines of code, and sees over 2,000 active users, roughly 10% of the student population.

- Developed and maintained both the front and back end for widgets found throughout Missouri State University's website using C#, AJAX/JavaScript, and the Google Closure Tools.

- Implemented CSS templates in more than 10 high-traffic sites for use in Web Press, Missouri State University's CMS, including the Mathematics, Computer Science, Agriculture, Campus Recreation, and College of Education websites

- Maintained the campus map by updating the shuttle route and building location databases using KML data

ACHIEVEMENTS

- Missouri State University's "University Relations Student Employee of the Month" *April 2013*

- Completed the *Go! St. Louis* marathon *April 2007*

- Earned rank of Eagle Scout with the Boy Scouts of America. *November 2004*