Max Barkley

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mbarkley.github.io

Technical Skills Summary

Highly Proficient	Java, Spring Boot, Docker, Git, Maven
Somewhat Proficient	Bash, Angular, TypeScript, JavaScript, HTML, CSS, SQL

Relevant Work Experience

Senior Software Developer and Technical Lead, *DNAstack* — 2018 – Present

- Lead development team in a fast-paced startup environment
- Negotiate technical requirements and deliveries with clients
- Design and implement standards for access and authentication to genomic data (www.ga4gh.org)
- Implemented and championed continuous delivery to enable faster feedback cycles with clients and partners

Senior Software Engineer, *Red Hat* — 2017 – 2018
Software Engineer — 2015 – 2017

- Lead of Errai project, an open source JavaEE and GWT web framework (erraiframework.org)
- Communicated with internal and external users to gather framework requirements
- Engaged community users through conference talks, blog posts, and forums
- Researched and developed tools for low-code application development as part of Red Hat's Business Systems and Intelligence Group

Software Engineering Intern, *Red Hat* — 2013 – 2014

- Developed and maintained the Errai web framework
- Improved developer on-boarding experience with code scaffolding plugin for Eclipse and tutorial project
- Created security module with declarative role-based authorization for web views and backend services

(Volunteer) Mentor, *Ladies Learning Code* — 2012 – 2015

- Assisted non-technical students with the use of HTML, CSS, Javascript, and Python
- Enabled students to complete workshop exercises by providing knowledge and encouragement

Education

H.B.Sc. Mathematics, *University of Toronto* — 2009 – 2015

- Graduated with distinction as a Mathematics Major, with Computer Science and Statistics Minors
- Relevant Courses: Software Design, Datastructures and Analysis, Introduction to Databases, Programming on the Web, Software and System Tools, Computer Organization