Branson Lee

(416) 937-9339 | ✉ bilee@uwaterloo.ca | 🏠 bransonl.com | github.com/bransonl | linkedin.com/in/bransonl

Summary

Languages	JavaScript, Java, Scala, PHP, HTML, CSS/SCSS, C, C++, Bash, MIPS Assembly, VBA, MySQL
Frameworks	Bootstrap, AngularJS, Node.js, Express, Socket.io, D3.js, jQuery
Tools	AWS EC2, RDS, SQS, Elasticsearch, Unix, Windows, Git, Excel

Experience

Sprout — *Toronto, ON, Canada*
Full Stack Software Developer — *Aug 2016 - Dec 2016*

- Worked in a fast-paced agile environment, implementing new and enhancing existing features for Sprout, a social corporate wellness platform
- Wrote a goal recommendation engine using Elasticsearch to perform analysis on survey responses and general interests to improve user engagement
- Took ownership of end-to-end development of various features, including front-end, RESTful APIs, back-end models, data schema, thorough test coverage, and documentation in and out of the code
- Improved efficiency of challenge leaderboard calculations by optimizing MySQL queries and overhauling underlying calculation logic to incrementally build upon existing data
- Quickly picked up new technologies as well as extensive understanding of the Sprout codebase and product

Morgan Stanley — *New York City, NY, USA*
Technology Analyst — *Jan 2016 - Apr 2016*

- Increased database migration efficiency and accuracy by building a Scala application that queries and manipulates data from multiple data sources to generate clear and detailed progress reports
- Enhanced existing UI application used by traders, improving user experience and developers' ability to debug problems by implementing feature to submit user application logs

Crown Property Management Inc — *Toronto, ON, Canada*
Data Analyst — *May 2015 - Aug 2015*

- Streamlined budgeting process by automating data entry tasks using Excel VBA
- Rebuilt data spreadsheets to use Excel VBA and complex formulas to retrieve and organize data from various locations in the company database

Projects

Bulletin — *2016*
HTML, CSS, JavaScript, D3.js Treemap, AngularJS, Node.js, Express
Bulletin board web application that visualizes posts based on importance and grouping using D3.js Treemaps

2 — *2015*
HTML, CSS, JavaScript, JQuery, AngularJS, Node.js, Express, Socket.io
Real-time multiplayer Big 2 web-app with multi-room, chat, spectator and player substitution functionality

alisonlee.co — *2015*
HTML, CSS, JavaScript
Portfolio website for designer using client-side JavaScript to populate content based on contents of folder on server, eliminating the need for knowledge of HTML and CSS to update website content

Education

University of Waterloo — *Waterloo, ON, Canada*
Candidate for Bachelor of Computing and Financial Management — *Sep 2014 - Present*

- Expected graduation May 2019