

Branson Lee

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

Summary

Languages JavaScript, TypeScript, Python, Java, Scala, C++, SQL, Bash

Tools RxJS, React, Redux, Angular, Flask, Node.js, Docker, Kubernetes, Helm, Nginx, Azure, Git

Experience

Finastra, Advanced Research Patterns and Practices

Toronto, Canada

SOFTWARE DEVELOPER

Jan - Apr 2018

- Developed Node.js microservices with CQRS and Event Sourcing to establish company best practices
- Authored Helm Charts to simplify deployments of various microservice structures to Kubernetes clusters
- Enabled rapid development by establishing CI/CD and Docker/Kubernetes infrastructure on Azure
- Acted as team devops specialist by routinely hosting knowledge sharing sessions and documenting patterns
- Authored Azure Resource Manager templates to streamline the process of setting up new Azure environments

Got It Inc

Hanoi, Vietnam

FULL STACK SOFTWARE DEVELOPER

May - Aug 2017

- Led company adoption of component-based architecture by migrating legacy front-end clients to Angular
- Implemented Angular client for real-time Java tutoring with chat and code collaboration

Sprout

Toronto, Canada

FULL STACK SOFTWARE DEVELOPER

Sep - Dec 2016

- Developed a prescription system to allow health care professionals to prescribe and track exercise of patients
- Built a goal recommendation engine using Elasticsearch to improve engagement based on user interests
- Improved challenge leaderboard efficiency by optimizing MySQL queries and calculation logic

Morgan Stanley

New York City, USA

TECHNOLOGY ANALYST

Jan - Apr 2016

- Increased database migration efficiency and accuracy by building a Scala application to validate data and automatically generate detailed progress reports
- Enhanced ability to debug interest rate derivatives application by implementing user log submission

Crown Property Management Inc

Toronto, Canada

DATA ANALYST

May - Aug 2015

- Streamlined budgeting process by automating data entry tasks using Excel VBA

Projects

Bulletin

In progress

PYTHON, FLASK, SQLALCHEMY, POSTGRESQL, TYPESCRIPT, REACT, REDUX, RXJS

Save posts with hierarchical nesting and visualize based on tree structure and importance

Big 2

NODE.JS, EXPRESS, SOCKET.IO, ANGULARJS

Real-time multiplayer Big 2 card game with multi-room, chat, spectator and player substitution functionality

Education

University of Waterloo

Waterloo, ON, Canada

CANDIDATE FOR BACHELOR OF COMPUTER SCIENCE

Sep 2014 - May 2019 (Expected)