

Branson Lee

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Summary

Languages JavaScript, TypeScript, Python, PHP, HTML, CSS/Sass, C, C++, Bash, MySQL/PostgreSQL
Frameworks RxJS, Angular, AngularJS, React/Redux, Flask, Node.js, Express, Socket.io, Bootstrap, jQuery
Tools Docker, webpack, AWS, Elasticsearch, Unix, Windows, Git

Experience

Got It Inc

Hanoi, Vietnam

FULL STACK SOFTWARE DEVELOPER

Apr 2017 - Aug 2017

- Led team adoption of component-based architecture by migrating existing AngularJS clients to Angular
- Architected and managed development of Angular client for on-demand Java tutoring service
- Improved user satisfaction for online Excel help by implementing session extensions
- Provided detailed user analytics and user acquisition tracking using Mixpanel, Appboy, and Google Analytics
- Performed code and design reviews for Angular and AngularJS clients, and Python/Flask RESTful APIs

Sprout

Toronto, ON, Canada

FULL STACK SOFTWARE DEVELOPER

Aug 2016 - Dec 2016

- Built a goal recommendation engine using Elasticsearch to improve user engagement based on user interests
- Implemented exercise prescription feature allowing health care professionals to monitor prescriptions
- Improved efficiency of challenge leaderboard calculations by optimizing MySQL queries and overhauling underlying calculation logic to incrementally build upon existing data

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

TYPESCRIPT, REACT/REDUX, PYTHON, FLASK, SQLALCHEMY, HTML, CSS, D3.JS

Bulletin board web application that visualizes posts based on importance and grouping using D3.js Treemaps

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JAVASCRIPT, ANGULARJS, NODE.JS, EXPRESS, SOCKET.IO, JQUERY, HTML, CSS

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

Education

University of Waterloo

Waterloo, ON, Canada

CANDIDATE FOR BACHELOR OF COMPUTING AND FINANCIAL MANAGEMENT

Sep 2014 - Present

- Expected graduation May 2019