Brian Lee

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Skills

Languages	Typescript, Javascript (ES6), Python, Ruby, HTML5 / SCSS, SQL, C++, Java
Frameworks	React, React Native, Redux, Apollo, GraphQL, Node, Express, Rails, Flask, AWS
Databases/ORMs	MongoDB, PostgreSQL, MySQL, SQLAlchemy

Experience

Universe   *Toronto, ON*
Full Stack Developer   *Jan. 2020 - Apr. 2020*
- Developed embeddable calendar widget to display ticket availability for events using **React** and **Rails**
- Reduced page load times by 20% by implementing **Apollo Client** within multiple front end services to handle **GraphQL** requests
- Migrated the Event Display Page from ES6 to **Typescript** to enhance code quality and clarity

Emagin   *Kitchener, ON*
Full Stack Developer   *Apr. 2019 - Aug. 2019*
- Developed new features in metrics dashboard redesign using **React + Redux**, **GraphQL** and **Flask**
- Built a **Highcharts** graph visualization tool to display water pump activity and forecasts
- Implemented a **JWT** timeout feature that warns the user of token expiration
- Maintained thorough documentation and unit tests with **Enzyme** and **JSDocs**

Empire Life   *Toronto, ON*
Software Developer   *Sept. 2018 - Dec. 2018*
- Collaborated with team of developers to design and develop a **React + Redux chatbot** module
- Integrated **Google Dialogflow** to facilitate client queries producing a 80% decrease in CSR workload
- Maintained thorough documentation and unit tests with **Jest/Enzyme**

Q4 Inc.   *Toronto, ON*
QA Automation Developer   *Jan. 2018 - Apr. 2018*
- Automated regression tests for web products in **Java** using **Selenium**, and **TestNG**
- Created automated test suites for the product's front end and REST API's increasing the testing workflow efficiency by more than 90%

Projects

Zepplan
https://zepplan.now.sh   *Apr. 2020 - Present*
- Built a project management tool that facilitates the stages of project initialization and development
- Web client built in **Typescript React**, paired with an **Express GraphQL API** hosted on **AWS EC2**

LooChat
https://loochat.herokuapp.com   *Dec. 2018 - Jan. 2019*
- Built a P2P chat application that handles messages and video calls using **Socket.io** and **WebRTC**
- Built web and mobile clients in **React + Redux** and **React Native** , paired with an **Express REST API**

Education

University of Waterloo   *Waterloo, ON*
Candidate for BASc, Systems Design Engineering   *Sept. 2017 - Present*