Lee Ma

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Skills

- **Proficient:** Node.js, React, Redux, HTML, CSS, Javascript, C++, Python, Git, MongoDB
- **Prior Experience:** Sketch, SQL, PowerShell, Java, AngularJS, PHP, AWS S3, jQuery

Work Experience

Bonfire Interactive Ltd. Full Stack Developer   Sept 2018 - Dec 2018

- Built multiple RESTful API resources including the first feature built in new **React** and **Node.js** stack used by procurement teams around the world using **Hapi.js** with **MySQL**
- Automated a Proactive Ticket Deflection system in **Python**, generating an average **3.6 tickets/day** based on **SQL** queries based on problematic criteria with **Airflow** and **Celery**
- Closed multiple security issues including XSS vulnerabilities, leaking data in urls, and password reset behaviour in **PHP** and **AngularJS** core application

University of Waterloo Computing Assistant   Jan 2018 - Apr 2018

- Designed and created web templates used to bootstrap the creation of new websites with **jQuery, HTML and CSS**
- Reduced time of computer deployment by **50%** via silent installation script in **PowerShell**

Projects

Foodiy github.com/lee-ma/foodiy   Feb 2018 - Mar 2018

- Built auth system utilizing **bcrypt password hashing** for account security
- Utilized **AWS S3** for file uploads to improve scalability of storage
- Technologies: **React**, **Redux**, **Node.js**, **Express**, **PostgreSQL, Sequelize**

Daytrip github.com/lee-ma/daytripandroid   Sept 2017 - Oct 2017

- Implemented **Firebase Authentication** and **Database**
- Integrated DarkSky API to fetch and display weather to users
- Technologies: **Java**, **Firebase, Android Studio**

Extra-curriculars

Enghack 2019 Web/UX Developer   Dec 2018 - Present

- Working with team of engineering students to build the 2019 Enghack hackathon website

Education

University of Waterloo   Sept 2017 - May 2022

- Candidate for Bachelor's of Applied Science in Computer Engineering