

Lee Ma

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Skills

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

Experience

Bonfire Interactive Ltd. Full Stack Developer Sept 2018 - Present

- Built RESTful API resource from scratch for feature in production being used by procurement teams around the world in **Node.js** backend and **MySQL** with **knex.js**
- Automated Proactive Ticket Deflection system in **Python**, generating an average **5 tickets per day** based on **SQL** queries for problematic criteria with **Airflow** and **Celery** pipelines
- Reduced time of support ticket fetching by up to **70%** in internal support web app by re-working **AngularJS** controllers to asynchronously fetch data from Zendesk API

WATonomous UI Core Member Sept 2018 - Present

- Developing User Interface for Autonomous Vehicle to display critical data effectively for all aspects of vehicle and surrounding environment in **C++** with **Qt**
- Collaborated with team to re-haul old cluttered UI with a modern, cleaner UI

University of Waterloo Computing Assistant Jan 2018 - Apr 2018

- Designed and created front-end web templates being used to create new websites
- Reduced time of computer deployment by **50%** via silent installation script in **PowerShell**

Projects

Atheneum leema.ca/atheneum 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, MongoDB**

Daytrip leema.ca/daytrip Sept 2017 - Oct 2017

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

Education

University of Waterloo Sept 2017 - May 2022

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