

# Eric Lee

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## Technical Skills

**Languages:** JavaScript, Java, Go, Python, Ruby, PHP, SQL, GraphQL

**Frameworks:** Express, Rails, React, Redux, Laravel, Django

**Tools/Technologies:** Docker, Git, Linux, PostgreSQL, MongoDB, Node.js

## Experience

### Software Engineering Intern - Lifion by ADP

New York, New York | Jan – Apr 2020

- Implemented a retry mechanism for reprocessing failed AWS Kinesis messages within consumer microservices using Node.js and SQS
- Configured monitoring and reporting for data parity issues between graph databases in Datadog using Node.js, tracking 600,000+ edges/vertices
- Developed new Gremlin traversal queries to deprecate support of DSE Graph in favor of using newer graph schema in AWS Neptune
- Wrote and containerized integration tests using Docker to run on Jenkins CI pipeline

### Software Developer Intern - Universe

Toronto, Canada | May – Aug 2019

- Developed promo code management features using React/Redux and Rails, driving user adoption by 20%
- Improved user engagement by 15%, by integrating event host dashboard with Google AdWords API using Rails to enable event ad tracking
- Refactored existing REST API endpoints to use GraphQL for deprecation of legacy API

### Software Developer Intern - Sprout

Toronto, Canada | Sep – Dec 2018

- Built new features in major redesign of latest product release of new mobile app in PHP and React Native/Redux
- Implemented user authentication for Facebook and Google Single-Sign-On, increasing MAUs by 20,000

### Software Developer Intern - Department of National Defence

Toronto, Canada | Jan – Apr 2018

- Built graph visualization tools using PHP and D3.js to model topic/keyword relationships within research documents

## Projects

### Tagr

- A cloud agnostic data science productivity tool written in Python to help data scientists manage models and experiment data

### Lunch n Learn

- Developed web application in Django and React to facilitate tech talks and recommend topics/speakers based on skill level

## Education

University of Waterloo, BAsC, Management Engineering

Graduating April 2021

**Coursework:** Data Structures/Algorithms, Computer Networks, Data Mining, Databases, Optimization Methods