

Eric Lee

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Technical Skills

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

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

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

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 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 Django and D3.js to model topic/keyword relationships within research documents

Projects

Alexa Library Voice Assistant

- Working with Kitchener Public Library to develop and integrate Alexa skills using Go, to provide voice assistance within libraries

Tagr

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

Education

University of Waterloo, BAsC, Management Engineering

Graduating April 2021

Coursework: Data Structures/Algorithms, Data Mining, Databases, Telecommunications, Human Computer Interaction