Eric Lee

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Technical Skills

Languages: JavaScript, Java, C#, 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   **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
- Modified payment checkout to integrate with a variety of third-party calendar services
- Refactored existing REST API endpoints to 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 React Native/Redux
- Implemented user authentication for Facebook and Google SSO, 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

Second Market
- Built an online marketplace platform for clothing enthusiasts to post listings and buy/sell secondhand clothes using Node and React

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

Education

Management Engineering, BASc, University of Waterloo   **Graduating April 2021**
Coursework: Data Structures/Algorithms, Data Mining, Databases, Optimization Methods, Computer Networks