LAURENCE LI

Software Developer @ Xero, Toronto

CONTACT

Phone 613 794 4859
Email li.laurence55@gmail.com
Website laurenceli.github.io

EXPERIENCE

Software Developer at Xero (Hubdoc) from Sept. 2018 - Present
- Implemented features for scraping platform, built on AWS; improving reliability and robustness for 80000+ daily jobs.
- Maintained 700+ Node.js web scrapers, improving success rate by 70%+ on average, for 50000+ end users.
- Engineered rapid solutions for high priority connections, ensuring the fetch of 1000+ documents over several months.
- Participated in on-call rotation, performed code reviews daily and monitored platform performance metrics dashboards.
- Lead onboarding process improvements, reducing developer ramp-up time from roughly 3 weeks to 1 week.
- Conducted interviews, 1-on-1s and provided direct mentorship and evaluations to software developer interns.

Software Developer Intern at Rubikloud from May 2017 - Aug. 2017
- Developed 50+ Selenium QA modules in Java for automated UI testing, improving coverage from 10% to over 85%.
- Optimized SQL queries by up to 80%, satisfying strict performance thresholds.
- Modified code structure of front-end application in React to improve maintainability and facilitate future testing.
- Aided in the implementation of a client-facing automated email registration system.

Front-End Developer Intern at DLS Technology from May 2016 - Aug. 2016
- Refactored 10000+ lines of JavaScript in dozens of modules to improve platform scalability and readability.
- Developed reusable web modules and built new application pages based on client specifications.
- Designed, iterated and adapted UI wireframes into functioning front-end elements, emphasising modern design patterns.

SKILLS

Languages	Web	Infrastructure	Logging & Metrics	Workflow
JavaScript / Node.js	HTML/CSS/SASS	AWS (ECS, EC2, SQS)	AWS Cloudwatch	Atlassian / Jira
Java	jQuery	PostgreSQL	Datadog	Github / Git
	Nightmare.js	Docker	Sumo Logic	

PROJECTS

Cherrypicker.io

Web application of unique, interactive data visualizations of NBA team statistics.
- Designed and built the front-end portion (UI, interactions).
- Built data visualizations using D3 and JSON data.
- Designed custom styling using CSS / SASS

Robot Platform for Xero (Hubdoc)

Collection of services that runs hundreds of thousands of jobs. I took part in implementing the following features and others:
- Intelligent job scheduling to reduce resource load
- Redis channel websocket connection to web application
- Adding and improving metrics on proxy usage

EDUCATION

University of Ottawa from Sept. 2014 - May 2018

Bachelor of Science in Computer Science
Minor in Management