

LAURENCE LI

STUDENT || OTTAWA

CONTACT

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EDUCATION

University of Ottawa || Sept. 2014 - May. 2018
Bachelor of Science in Computer Science

EXPERIENCE

Software Developer Intern || Rubikloud || May 2017 - Aug. 2017

- Developed 50+ QA modules in Java for automated UI testing and data validation.
- Optimized SQL queries by up to 80%, satisfying strict performance thresholds.
- Modified code structure of front-end application in React to facilitate future testing.
- Aided in the implementation of a client-facing automated email registration system.

Front-End Developer Intern || DLS Technology || May 2016 - Aug. 2016

- Refactored 10+ application pages to be responsive and aesthetically modern.
- Developed reusable JavaScript modules, improving platform scalability and readability.
- Designed, iterated over and adapted UI wireframes into functioning front-end elements.

Technical Support Coordinator || DLS Technology || May 2014 - Aug. 2014

- Designed QA coverage workflows using Excel.
- Implemented language localization for a web application using JavaScript.
- Authored technical internal and client-facing documentation.

PROJECTS

Promotion Manager for Rubikloud

Web application displaying data visualization of retailer sales and optimized forecasts and promotions. Contained comprehensive user management tools.

- Improved testing coverage from below 10% to over 85%.
- Developed forecast confidence indicator feature in React.
- Implemented data validation using SQL and Java.
- Engaged in daily scrums and shipped on bi-weekly sprints.

vKey Device Manager for DLS Technology

Web application for remotely managing hundreds of mobile-desktop devices. Could commission new devices, remotely delete images from existing devices.

- Refactored existing JavaScript codebase of 10 000+ lines.
- Developed new pages based on client specifications.
- Designed custom UI modules in jQuery / JavaScript.
- Implemented client-facing login permissions feature.

Cherrypicker for fun

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

TalkFolio for Klipfolio/Decode Hackathon

Web application built for mobile that uses NLP to convert speech or text inputs into queries to display business intelligence graphs.

- Lead team of 8 in designing UI wireframes, UX models.
- Created interactive and responsive graphs using Chart.js.
- Connected front-end to Firebase for automatic updates.

SKILLS

Languages

Java
JavaScript
C++

Web

HTML/CSS/SASS
React + Redux
jQuery

DevOps

Git/Github
Docker
Agile

Infrastructure

PostgreSQL
MySQL

Graphic

Adobe Photoshop
Adobe Illustrator
Adobe InDesign