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.

SKILLS

Languages
Java
JavaScript/ES6
C++

Web
HTML/CSS/SASS
React + Redux
jQuery

DevOps
Git/Github
Docker
Agile

Infrastructure
PostgreSQL
MySQL

Graphic
Adobe Photoshop
Adobe InDesign
Sketch

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.