

Robert Lai

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Summary of Qualifications

- Front-end JavaScript (ES6) development experience with React/Redux
- Cross-platform mobile development with React Native
- Experience writing back-end server and API code in a Ruby on Rails application
- Solid foundation in object-oriented design and programming in Java and C++
- Experience using Git version control system in work and personal projects
- Constant desire to learn and apply new technology

Experience

Software Developer Intern

August – December 2016

Drop Loyalty

Toronto, ON

- Worked on a mobile application in JavaScript (ES6) using React Native/Redux
- Wrote supporting Ruby on Rails back-end code for new features
- Wrote tests for back-end code using RSpec and Cucumber frameworks
- Communicated and worked closely with designers to produce the desired user experience

Software Developer Intern

January – April 2016

MappedIn

Kitchener, ON

- Developed features and fixed bugs in a large customer-facing web application
- Worked with modern web technologies – React, Babel, Webpack, Sass
- Developed tools to accelerate the company's internal processes
- Implemented unit test harness using Mocha

Junior Quality Assurance Intern

May – August 2015

Irdeto

Ottawa, ON

- Wrote Python test scripts to significantly increase automated test coverage
- Created and updated test plans, and tracked issues in Microsoft Team Foundation Server
- Performed manual tests for embedded software on Raspberry Pi

Projects

TreeTalk – Web messaging app with a twist, created at UW EngHack S16

June 2016

- Organizes conversation in a tree structure, with messages branching out
- Created using JavaScript, React, D3.js, Node.js, MongoDB

Runway – Online collaboration platform, created at UW EngHack F15

November 2015

- Enables real-time collaboration and discussion between users
- Users can join groups, share and comment on files
- Created using CoffeeScript, AngularJS, Node.js, MongoDB

Education

Candidate for Bachelor of Software Engineering

University of Waterloo

September 2014 – present

Waterloo, ON