

Tyler Boyd

Present Address

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Contact Info

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Permanent Address

34 Arundel Ave
Ottawa, ON K1K 0B6

Education

Candidate for Bachelor of Software Engineering
Certificate for CS169.1x Software as a Service
Ontario Secondary School Diploma

University of Waterloo
BerkeleyX, California
Lisgar Collegiate Institute, Ottawa

Experience

Developer Intern, Shopify, Ottawa, ON

Summer 2015 & Winter 2016

- Designed and developed a tax services API integration with Avalara
- Managed the launch of this project while the lead was away
- Wrote resilient code that failed fast & safe in the case of network failures/service outages
- Implemented front end design for installation and managing settings
- Developed data extractors to move data into hue for financial analytics

Founder, PromoSuite, Ottawa, ON

Summer 2013 & 2014, Fall 2016

- Created a comprehensive Ruby on Rails application, including an API
- Developed a functional, fast, and beautiful frontend using Material & React.js
- Managed the system admin tasks (setting up & managing multiple servers)
- Designed & implemented the web application (database structure, MVC architecture, routing patterns, authentication, eCommerce integration, admin dashboard, etc)

Ruby on Rails Intern, NiteRoll Inc., Ottawa, ON

Summer 2013

- Assisted main Rails developer in writing tests and fixing bugs
- Tests used RSpec, Capybara, FactoryGirl and various benchmarking tools
- Refactored hundreds of lines of code to improve readability and stability
- Developed a workflow for client-side cropping of profile pictures
- Was given a bonus for exemplary performance and quick learning

Technical Skills

Languages: Ruby, JS, C, C++, HTML, CSS, Java, SQL
Technologies: Ruby on Rails, React.js, HTML5, Bootstrap, Relational Databases, GitHub
Tools: Capistrano, Unix, Atom
Methodologies: Experienced with Agile Development

Leadership Activities

Team Organizer, Hack The North, Waterloo, ON

September 2014

- Found and interviewed people to form a skilled team of 4 people for this Hackathon
- Prepared & planned the implementation of a cloud-based media player to be built in 36 hours
- Led & motivated the team to complete the project within the time frame

Technical Lead, PromoSuite

2013-2014

- Was responsible for everything related to the web application
- Configured automatic testing & deployment for the virtual servers
- Talked with clients to determine the needs of the project and how to satisfy them

Academic Honors

Silver Medal for a 97% average
Physics Subject Award for achieving the highest physics mark in the high school
Offered a President's Scholarship of Distinction by University of Waterloo