# Tyler Boyd

|  | **Present Address** | **Contact Info** | **Permanent Address** |
|---|---|---|---|
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|  |  | http://tylerboyd.ca |  |

**Education**

**Candidate for Bachelor of Software Engineering**, University of Waterloo, Waterloo, ON
**Certificate of Achievement in CS169.1x Software as a Service**, BerkeleyX, California
**Ontario Secondary School Diploma**, Lisgar Collegiate Institute, Ottawa, ON

**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 on vacation
- Wrote resilient code that failed fast & safe in the case of network failures/service outages
- Developed data extractors to move data into hue for financial analytics

**Lead Developer, Cofounder,** PromoCatalyst, Ottawa, ON          Summer 2013 & 2014
- Created a comprehensive Ruby on Rails application, including an API
- Developed a fast, beautiful Bootstrap & Angular.js frontend
- Managed the system admin tasks (setting up & managing multiple servers)
- Designed 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 making changes
- 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, HTML, CSS, C, C++, SQL |
|---|---|
| Technologies: | Ruby on Rails, Angular.js, HTML5, Bootstrap, ORM, Relational Databases, Git & GitHub, LaTeX |
| Tools: | Capistrano/Rubber, Unix command line, Sublime Text, TeXstudio |
| 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,** PromoCatalyst Inc                          2013-2014
- Was responsible for everything related to the web application
- Configured automatic testing & deployment for the virtual servers
- Determined which tasks are the most important
- Talked with both CEO and 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