Tyler Boyd

Present Address	**Contact Info**	**Permanent Address**
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Candidate for Bachelor of Software Engineering (4th year)　　　University of Waterloo

Experience

DevOps Coop, TradeRev, Toronto, ON　　　　　　　　　　　　　　　Fall 2018

- Fixed day-to-day issues with AWS infrastructure, application, and Jenkins pipelines
- Gained familiarity with Terraform and Terragrunt to accomplish any infrastructure changes
- Developed a Jenkins pipeline for the creation of entire environments
- Led the team on integrating the AWS accounts with Splunk for SOX compliance
- Built pipelines for deploying new kinds of projects (AWS Glue ETL jobs, ECS/Fargate applications)

Developer Intern, Shopify, Ottawa, ON　　　　　Summer 2015, Winter 2016, Summer 2017

- Designed and developed a tax services API integration with Avalara
- 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
- Implemented ETL code for shipping label price adjustments

Founder, PromoSuite, Ottawa, ON　　　　　Summer 2013 & 2014, Fall 2016, Winter 2018

- Created a comprehensive Ruby on Rails application and API
- Developed a functional, fast, and beautiful frontend using Material & React
- 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)
- Helped grow the business to millions in annual sales over the platform

Ruby on Rails Intern, NiteRoll Inc., Ottawa, ON　　　　　　　　　　Summer 2012

- 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, JavaScript, SQL, HTML5, CSS, Java, C, C++
Technologies:	Ruby on Rails, React, Bootstrap, PostgreSQL, GitHub
Tools:	Jenkins, Docker, AWS, Terraform, Unix
Methodologies:	Experienced with Agile Development
Fields of interest:	Full-stack web, DevOps, Real-time embedded development (ARM), Security

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