

Experience

Production Engineer, Shopify

2020 - Present, Toronto/Remote

Varnish, GoLang, Ruby, Docker, Kubernetes, Terraform, GCP, Bash, C/C++

- Maintained a CDN receiving more than 25 billion requests per day
- Designed and built a log-processing pipeline that ingests 30 TiB of data per day
- Assisted internal teams with support needs and was a primary responder for incidents

Platform Engineering Intern, Grand Rounds

Sept. - Dec. 2019, San Francisco

GoLang, Python, Docker, Kubernetes, Terraform, AWS, Bash

- Managed developer tooling and infrastructure on a platform with 99.99% uptime requirements
- Enhanced cluster management tooling to be both automated and zero-downtime
- Implemented a service mesh to automatically secure internal traffic

Production Engineering Intern, Shopify

Jan. - April 2019, Toronto

GoLang, Lua, nginx, Kubernetes, GCP

- Platform protection via WAF and a real-time bot detection system
- Designed and built a new microservice as the technical lead on the project

Developer Intern, Shopify

May - Aug. 2018, Kitchener-Waterloo

React, Ruby, Rails, MySQL, GraphQL, GCP

Software Developer Co-op, Vidyard

Sept. - Dec. 2017, Kitchener-Waterloo

React, node.js, Ruby, Rails, MySQL, AWS

Software Engineering Intern, Flipp

Jan. - April 2017, Toronto

Ruby, Rails, AWS

Developer Intern, Imagine Communications

May - Aug. 2016, Kitchener-Waterloo

Windows, Typescript, AngularJS 1.5

Summary

- Over 3.5 years of total industry experience across 6 different companies, more than 2 years in ops/SRE positions
- Highly proficient with GoLang, Ruby, Rails, Docker, Kubernetes, Terraform, GCP and AWS
- Experienced with C, C++, Bash, Python, CSS, Javascript, node.js, React, Lua, nginx, Varnish, Kafka, MySQL and GraphQL
- Native English speaker, conversational ability in written and spoken French

Education

University of Waterloo, Waterloo, Canada

September 2015 - April 2020

Honours Bachelor of Computer Science
English Language and Literature Minor

Projects

tweet-scrape

- Scrapes tweets by reverse-engineering Twitter's AJAX calls

CoverWorks

- Chrome extension that auto-generates tailored cover letters for online job postings

Other Organizations

Director of PR, CrossingsCon

May 2018 - Present, crossingscon.org

- Manage the website, marketing strategy and outreach for the convention
- Built a digital convention space for the 2021 convention

Editor, mathNEWS

Jan. 2018 - April 2020, mathnews.uwaterloo.ca

- Copy and layout editing of bi-weekly newspaper issues, general administrative work