



Experience

DevOps Engineering Intern, Tulip. Kitchener, ON

2018

Maintained internal tools and helped transition from AWS to GCP.

Sept - Dec

- o Wrote script to monitor Saks VPN tunnel and cycle it if not alive.
- o Ops bot using GET/POST and webhooks for basic client interaction.
- o Testing, upgrading, and updating Chef recipes:
 - o Upgraded php7, modified site access with nginx, added Aurora Serverless support with AWS.
- o Built two-way tunnel from GCP to AWS for dual usage in transition.

IT Specialist Intern, Tulip. Kitchener, ON

2018

Supported IT team with maintenance and security.

Jan - Apr

- o Bash script to generate public ssh key on login.
- o MatterMost setup and config, helped company transition from Slack.
- o Helped automate inventory management with Cheqroom.

Projects

Music Ratings

2018

Scrape top music rating sites for album ratings to generate a combined score.

- o Used MechanicalSoup to simulate a browser and parse pages.
 - o Parallelization for simultaneous scraping of multiple sites in the works.

Project Euler

2016 – now

Problems with a combination of math and programming logic.

- o E.g. “find the sum of all prime numbers below two million”

Python Exploits

2018

Small projects I took on while learning the basics of Python!

- o 2P Tic-tac-toe, Latin to Pig Latin translator, guessing game.

Personal website

2016 – now

Learnt to make a scalable, responsive website with BootStrap.

- o HTML, CSS, and JS were used, along with some of my own photos!

Education

Bachelor of Applied Science,

2016 - 2022

Computer Engineering, *University of Waterloo*