




## Experience

- 2018 **DevOps Engineering Intern**, Tulip. Kitchener, ON  
Sept. - Dec. Maintained internal tools and helped transition from AWS to GCP.
- 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.
- 2018 **IT Specialist Intern**, Tulip. Kitchener, ON  
Jan. - April Supported IT team with maintenance and security.
- 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

- 2018 **“Learn” website assignment scraper**  
Have assignments and due dates all downloaded without searching.
- o Used MechanicalSoup to simulate a browser and get page data.
- 2016 – now **Project Euler**   
Problems with a combination of math and programming logic.
- o E.g. “find the sum of all prime numbers below two million”
- 2018 **Python Exploits**   
Small projects I took on while learning the basics of Python!
- o 2P Tic-tac-toe, Latin to Pig Latin translator, guessing game.
- 2016 – now **Personal website**   
Learnt to make a scalable website with BootStrap.
- o HTML, CSS, JS, etc.

## Education

- 2016 - 2022 **Candidate for Bachelor of Applied Science,  
Computer Engineering, University of Waterloo**