

# TAHA MIAN

✉ [taha.m.mian@gmail.com](mailto:taha.m.mian@gmail.com) · 📞 (+1) 289 788 2562 · 🌐 [tahamian.github.io](https://tahamian.github.io) · 🌐 [tahamian](#)

## 🎓 EDUCATION

McMaster University, *Software Engineering (CO-OP)*, BEng

Sep 2014 – May 2019

## ⚙️ SKILLS

Programming Languages: Python, JavaScript/Typescript, Golang, C/C++ , Java, HTML/CSS, SQL  
Middleware/Frameworks: Docker, Node.js, GraphQL, Electron, Vue.js, Terraform, Flask, Ansible, DerbyJS

## 👛 WORK EXPERIENCE

Software Engineer III, *Lever*

March 2022 – Present

- Improved Lever's data compliance, and customization by allowing users to select which personal identifiable information is anonymized and stored on a per location basis.
- Automate customization of candidate pipelines without the need for support, reducing pipeline customization support tickets by 95%.

Software Engineer, *Evertz Microsystems*

May 2019 – February 2022

- Help build Evertz first SaaS offering [evertz.io](https://evertz.io) on the content and metadata service and server-less API using AWS Lambda.
- Developed a **full stack application** that **provisions**, and **orchestrates** virtual machines for various cloud platforms (**VMware**, **AWS**, etc.) for deploying Evertz products to the cloud.
- Reduced deployment time from **6 months to 2 weeks**, and lowered human error by **eliminating manual steps** when deploying.
- Application **frontend** written in **React**, and uses **GraphQL** API to communicate with **backend Flask** server.
- Provisioning was done using **Terraform** and **cloud-init**, and **orchestration** with **Ansible**.
- Designed and created a API in the Mediator-X product to transform metadata which integrates with **AWS** making Evertz an official **AWS Media2Cloud partner**.

Software Engineer (CO-OP), *Loblaws Companies Limited*

May 2017– April 2018

- Created a data visualization dashboard that models file based batch processes at PC Bank using **D3.js**, and **Vue.js** in the front end with an **express** backend
- Improved efficiency of the production support team by creating database driven application solution which automated the documentation and reporting of production issues.

## 👥 RELEVANT PROJECTS

[SwarmBot](#)

C++

PYTHON

Sep 2018 – Apr 2019

- In a group of 5, created a swarm of autonomous robots designed to take measurements over large areas.
- Was responsible for the communication system on both the autonomous robots and server.
- Used **Python** for server side, and **C++** for robots to communicate over WiFi using web sockets.

[Auto Grader](#)

PYTHON

GO

Jul 2019 – Mar 2020

- Lead a team of three, to develop a full stack application for the purpose of grading python assignments.
- Currently used by the Department of Engineering at McMaster University for over 140 first year students.
- Student submissions are run in docker containers, to isolate code, and feedback is returned to student on submission.

[TorrentVue](#)

JAVASCRIPT

Sept 2018 – Dec 2018

- Redesigned front end for the common BitTorrent client using **Vue.js** and **Vue Bootstrap**.
- Used **Electron** framework to make a **cross platform desktop** application.
- Conducted usability tests and surveys to improve UI/UX design.