

# Michael Hladun

Software Engineer

Ottawa, Canada  
873-688-3375  
mp.hladun@protonmail.com  
[michaelhladun.ca](http://michaelhladun.ca)

---

## EXPERIENCE

### University of Ottawa Heart Institute – Software Engineer

November 2020 - Present

- Completed dozens of data requests using SQL, Python, and Pandas.
- Created a data pipeline to copy bulk data from TOH to UOHI.
- Developed web based data dictionaries for UOHI data.
- Filled the roles of server and site admin for a LimeSurvey instance with over 100 users.

### Lumentum – Software Engineer

September 2018 - March 2020

- Created several data pipelines for Tableau dashboards using Python and Pandas.
- Designed one of the top 3 most viewed Tableau dashboards in the company.
- Developed a program to update hundreds of text files using Python and a C# API.
- Reviewed co-op students' code and provided them with constructive feedback.

### University of Regina – Research Assistant

May 2018 - September 2018

- Developed simulations of a particle detector using GEANT4, a C++ particle simulator library.

## PROJECTS

For more projects, please visit [michaelhladun.ca/projects](http://michaelhladun.ca/projects).

### Ottawa Community Pediatricians Network Directory – Software Engineer

August 2022 - August 2023

- A pediatric clinic directory, [communitypediatrics.ca](http://communitypediatrics.ca). With 75 registered clinics, it enhances the referral process for many physicians in the Ottawa area. The site receives 40 to 80 unique users per day.

### HollowLink.xyz – Software Engineer

November 2023 - December 2023

- An anonymous email read-receipt service, [hollowlink.xyz](http://hollowlink.xyz).

## EDUCATION

### University of Regina – BSc. Honours in Physics, Minor in Computer Science

September 2014 - May 2018

- Authored an undergraduate thesis, viewable at [michaelhladun.ca/static/document/thesis.pdf](http://michaelhladun.ca/static/document/thesis.pdf)

## **SKILLS & INTERESTS**

Python, Flask, Quart, Docker, Databases, PostgreSQL, SQLite, Bootstrap 5, Ubuntu, Linux, Web Development, HTML, JavaScript, CSS, Svelte, Pandas, ETL, Java, C++, Git, Tableau, Beautiful Soup, Web Scraping, Google Maps API, Server Administration, Data Engineering, Hosting, Data Hoarding, Backups, SSH, CI/CD