

Matthew Szurkowski

Software engineering student at the University of Guelph

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EDUCATION

University of Guelph, Guelph — *Software Engineering*

September 2019 - Present

Currently pursuing a degree in Software Engineering (B. Comp).

Iroquois Ridge High School, Oakville — *H.S. Diploma*

September 2015 - June 2019

PROJECTS

Algo Trading — *Various Stock Market Tools*

Using Python, Pandas, matplotlib, yfinance, and Numpy, I was able to create simple moving averages, fibonacci retracements, and other comparisons to help in the stock choosing process. The goal of this project is to make tools that normally require a subscription, to be free.

GeniusClone — *See your favourite artists lyrics!*

Created using HTML, CSS, Javascript, and Bootstrap. Using API calls from Last.fm and lyrics.ovh, geniusClone displays your favourite artist's top 50 songs with their lyrics.

macConfig — *See your favourite artists lyrics!*

A short shell script that spoofs your MAC address to stay anonymous. This program was created to maneuver around Circle by Disney.

EXPERIENCE

MindKraft, Oakville — *Stem Instructor*

June 2020 - Present

- Teaching programming languages such as Python, Lua, and Scratch
- Communicated through Zoom to teach classes of various sizes
- Produced coding curriculum for children of various ages and abilities

SKILLS

Proficient

C, Python 3, Javascript, Node.js, HTML/CSS, Bootstrap, Git/Github

Comfortable

Java, Numpy, Pandas, Beautiful Soup, Selenium, Bash

Familiar

C++, Lua, Perl, React, MySQL

AWARDS

Dean's Honours List - May 2020

May Court Scholarship - x2

Rotary Club Scholarship - May 2019

ACTIVITIES

Major League Hacking - 2018

HackWorks Hackathon - May 2020