

Stephan Motha

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EDUCATION

University of Toronto

- **Degree:** Second year, Bachelor of Science - Computer Science
- **CGPA:** 3.83/4.00
- **Relevant Coursework:** Software Design, Data Structures and Analysis, Systems Programming and Software Tools
- **Honors:** Recipient of University of Toronto's entrance scholarship and an admission average of 96% (2019), Recipient of University of Toronto Scholars scholarship for the top 700 University of Toronto Applicants (2019)

EXPERIENCE

University of Toronto

Scarborough, Ontario

Web Developer – Academic Advising & Career Centre

September 2020 – April 2021

- Developed and updated a Web application allowing for efficient transfer of program details into a brochure format (Program Pathways)
- Worked on a web application that allows employers to create job offer letters in bulk, customized for each recipient
- Created the official landing page for the AACC for easy access to student resources
- **Used:** React, PHP, HTML, CSS, MJML

Kumon Math and Reading

Mississauga, Ontario

Tutor - Volunteer

Fall 2016 - Winter 2016

- Assisted students from grades 1-9 to acquire a better understanding of higher level mathematical and linguistic concepts to achieve success in school

PERSONAL PROJECTS

Price Analysis Web Scraper

Summer 2020

Python

- Extracted data such as product titles and prices (headphones) from a website using the beautiful soup library
- The prices are analyzed, and an email is sent to the user if any of the product prices are below a value specified by the user
- Cumulatively exports the collected data to a CSV file for future reference on each program run

Social Media Manager Chrome Extension

Summer 2020

HTML/CSS/JavaScript/JQuery/JSON

- Allows users quick access to their favourite social media platforms and gathers them into one place using customizable user settings through local storage
- Supports dark mode and light mode for user preference

Discord Bot

Summer 2020

Node.js

- Uses discord.js to allow users to use lotteries, polls, ask questions, set timers, manage deleted and edited messages and solve complex math problems using recursion with simple server commands

TECHNICAL SKILLS

Languages: Python, Java, SQL, HTML, CSS, JavaScript, R

Other: React, Node.js, MySQL, Pandas, Matplotlib, Bootstrap, Excel

Interests: Wildlife, Photography, Basketball