

Gabriel Diaconu, BComm (Hons.)

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OBJECTIVE

Computer Systems Technologist student seeking a co-op to gain experience and hone my industry-specific skills, particularly looking to apply my programming expertise in a real-world setting.

SUMMARY OF SKILLS

- Proficient in **Java**, with expertise demonstrated through successful completion of over 5 class projects.
- Experienced in **SQL**, as shown through my 84% GPA in the Database Theory course.
- Knowledgeable in **Python**, as demonstrated through my current role as a Python Developer at McMaster University.
- Skilled in **JavaScript** and the **MERN stack**, evidenced by the successful execution of personal projects such as the MERN To-Do List App.
- Developed strong **communication** skills through years of experience as a collection's expert at GTA Compressor Solutions.
- Successfully employed **Git** commands and Windows CLI in various Linux [projects](#), highlighting proficiency in these tools.

EDUCATION

Computer Systems Technologist: Software Development

September 2022 to 2025

Mohawk College

Hamilton, ON

- Overall GPA: 88%
- Relevant Courses: Programming Fundamentals (Python), HTML & CSS, Programming in Java, Client-Side Web Programming (JavaScript), Software Quality & Testing (C#), Programming in .NET, Server-Side Web Programming (PHP), Database Theory (SQL)

Honours Bachelor of Commerce

September 2014 to June 2018

DeGroote School of Business, McMaster University

Hamilton, ON

TECHNICAL SKILLS

- **Front-End Development:** HTML, CSS, JavaScript
 - **Back-End Development:** Java, C#, Python, PHP
 - **Database:** SQL, MongoDB
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PROJECTS

MERN To Do List App (December 2023)

- Created a React and JavaScript based to-do list application with features for task creation, editing, and deletion as a personal project.
- Utilized Axios for [frontend](#) and [backend](#) communication, implementing CRUD operations on a Node.js backend connected to MongoDB.

WORK EXPERIENCE

Python Developer (Contract)

June 2023 to April 2024

McMaster University

Hamilton, ON

- Developed and implemented a Python-based web scraper to extract follower counts from YouTube, Instagram, Spotify, Facebook etc. increasing efficiency and providing valuable insights about more than 100 local artists.
- Collaborated with a cross-functional team of 5 members to define requirements, design the scraper architecture, and ensure seamless integration with existing systems.

Campus Project Ambassador

May 2023 to August 2023

Mohawk College - IAHS

Hamilton, ON

- Leveraged WordPress to enhance the CIAMI.com website, improving user experience and functionality.
- Collaborated in creating marketing and promotional materials, planning events, and tracking inventory, resulting in streamlined coordination and improved inventory management.

Bookkeeper/Collections Expert **September 2020 to September 2022**

GTA Compressor Solutions Inc.

Burlington, ON

- Maintained constant communication with past due clients, resulting in over \$100k cash flow over two years.
- Provided accurate accounts payable, accounts receivable, inventory, and timesheets records on a weekly basis, resulting in streamlined financial tracking and efficient month-end closing processes.

Accounting Assistant

December 2018 to August 2020

McCaughey Consumer Products

Burlington, ON

- Processed standard customer deductions using advanced Excel techniques, including VLOOKUPS and pivot tables coupled with Sage 300, resulting in accurate, readable data for sales managers to forecast sales and plan budgets effectively.