

JONATHAN DiCECCO

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[Personal Website](#) | [GitHub](#) | [LinkedIn](#)

I'm a Computer Science student at McMaster University, who is interested in pursuing roles in data analysis, data science, and web development. I have worked with many languages, including but not limited to Python, C#, VBA, Javascript/Typescript, SQL, and C/C++.

JOB EXPERIENCE

Data Support Co-Op | *Excel, VBA, Python, Pandas, Power Query*

ATS Life Sciences | **Cambridge, ON (Hybrid)** | **January 2025 - August 2025**

- Worked directly with software developers to make tool sets for other employees and customers using Excel/VBA.
- Use PowerQuery and Python to gather and clean data from company servers and insert into Excel files.
- Made advancements and discoveries to help the team integrate Python directly into data science related tools in Excel and compile for regular use.
- Used Python to make a graphical tool to perform a data mining project through an API to pull queries from company databases and insert them into an Excel table.

IT Cherwell Admin | *Excel, Cherwell Software, Power BI*

CAA Insurance | **Vaughan, ON (Remote)** | **May 2024 - August 2024**

- Ran SQL scripts every week to import server information into company's database using the Cherwell Admin program, and update apply the updates to the respective Power BI reports
- Using Cherwell to update or cleanup thousands of servers' information throughout the term.
- Assisted in testing an employee onboarding form for the company, discovering dozens of errors and assisted in finding fixes.
- Communicating with fellow employees to fill in missing information for unknown servers

Jr. Data Analyst | *Python, Pandas, Excel, Power BI, Power Automate*

Clearbox Retail | **Mississauga, ON (Remote)** | **May 2023 - August 2023**

- Identified and capitalized on \$15M in actionable revenue, utilizing Sobey's IRI data
- Acquired and evaluated \$400M of sales data to support Gay Lea Foods client, providing supply chain and store-level opportunities for a large Canadian dairy company
- Spearheaded the integration of error-handling mechanisms to ensure the resolution of data issues
- Converted files to Excel via Python scripting while ensuring high levels of quality assurance

EDUCATION

McMaster University - BAsC. Honours Computer Science Co-Op | *Python, C, C++, Haskell, Java, SQL*

Member of the *Computer Science Society* where I was a mentor to four first-year students, and assisted in running/managing events and leading study sessions for many tests for younger students.

RELEVANT EXPERIENCE

McMaster SolarCar Website | *Next.js, React, Typescript*

Worked with team to create a fast and responsive website for McMaster's SolarCar Team. Utilized modern libraries to speed up development. Created many visual effects, pages, and components from scratch which made into production.

Unity Game: Cells at War vs. Diabetes | *Unity, C#/.NET*

Hired by George Brown College to assist in creating Unity Game, where I created menus, added key features to gameplay, and worked with a team to brainstorm and add new ideas.

Art Portfolio Website | *React, Typescript, Python, Django, AWS*

Created a responsive, fluid, fullstack art portfolio using a React frontend and a django backend with an AWS S3 bucket. Used self-created REST API to manage incoming posts from users to create a dynamic app.