

Jonathan DiCecco

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Professional Summary

Innovative and detail-oriented Software Programmer with 6 years of collective experience in coding, troubleshooting, and data analysis. Proficient in digital editing, accounts receivable, and prototyping. Excels at process improvement, UX design, and critical thinking. Collaborative and engaging, with a proven track record of maximizing productivity across project teams to facilitate timely software engineering. University-level French expertise and training.

Education

Bachelor of Science in Engineering (Co-Op Program) | McMaster University | 09/2022-04/2023

Bachelor of Honors Computer Science (Engineering Co-Op Program) | McMaster University | 09/2023-04/2026

Work Experience

CAA Insurance | Mississauga, ON

IT Cherwell Admin - Summer Student | 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, such as their primary use, the team who owns the server, and security information
- Assisted testing an employee onboarding form for the company, discovering dozens of errors and assisted in finding how to fix them
- Communicating with fellow employees to find information about unknown servers to fill in using Cherwell

George Brown College | Hamilton, ON

Programmer | May 2023 – January 2024

- Create an educational game by implementing assets and code, developing the user interface, and incorporating additional features to allow for informative/engaging gameplay.
- Write 100's of line of code and perform programming within C# to provide children with educational information concerning diabetes in a fun and interactive manner.
- Liaise with designers, producers, artists, and quality analysts throughout game design and programming, confirming that all information included is accurate and age appropriate.
- Translate visual ideas into code and ensure that all coding operates appropriately in addition to prototyping gameplay and developing multiple iterations to create a high-quality product.
- Create new, creative ideas for the game as well as additional features and visuals that are relevant to users and the content/nature of the program itself.

ClearBox Retail | Mississauga, ON

Data Analyst | May 2023 – August 2023

- Identified and capitalized on \$15M in actionable revenue, utilizing Sobey's IRI data, Walmart Retail Link, and the Metro database throughout data extraction and CSV file downloads (sales data)

- Acquired and evaluated \$400,000,000 of sales data to support Gay Lea Foods client with profitable business decision-making, providing supply chain and store-level opportunities for a large Canadian dairy company
- Increased efficiency in data downloads via Power Automate program configuration, facilitating high levels of data security and integrity
- Spearheaded the integration of error-handling mechanisms to automate and ensure the proactive resolution of data issues, performing technical debugging across these mechanisms as needed.
- Converted files to Excel via Python scripting, enabling ClearBox processing while ensuring high levels of quality assurance throughout data transformation and management deliverables.

Echelon Insurance (Division of CAA) | Mississauga, ON

Accounts Receivable, Financing | April 2021 – August 2021

- Performed 200+ representments and declines daily without sacrificing compliance with necessary regulations or quality control/assurance in service delivery.
- Collaborated with the broker to determine clients' financial status, provide updates, and perform internal file modifications/updates as needed, ensuring the privacy and confidentiality of client data.
- Utilized the Echelon database to maintain credit files and support customer delinquencies/financing issues to promote accurate, informed solutions.
- Reported to the manager of finance throughout delinquent account clearing and broker follow-up, assessing accounts and other relevant information to support institutional needs .

Additional Experience

Hackathon Finalist | Google Developers Solutions Challenge

Microsoft Power BI Desktop for Business Intelligence | Udemy Certification

Python for Data Science and Machine Learning Bootcamp | Udemy Certification

Teaching Assistant | King's Christian Collegiate

Camp Counsellor | Planet Kids

Skills

Software Engineering, Programming, UX & UI Design, Banking, Data Analytics, Web Development, Image Editing & Manipulation, Gameplay Prototyping & Iterations, Coding, Project Coordination

Technologies

C, C++, C#, HTML, Java, Python, Microsoft Office Suite, Power Automate, Javascript, SQL, Power BI, Cherwell Client

Community Engagement

Computer Science Class of 2026 Year Representative | McMaster University

McMaster EcoCar Website Developer | McMaster University

Volunteer | Canada Food for Children