

Jonathan DiCecco

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Professional Summary

Innovative and detail-oriented Software Programmer with 5 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

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 .

Planet Kids | Oakville, ON
Camp Counselor | July 2019 – August 2019

- Provided mentorship and support for 20+ children ages kindergarten to Grade 7, promoting a safe recreational environment that complied with various regulations and safety standards
- Performed strategic planning for various activities such as crafts, robotics, sports, and swimming, promoting the inclusion of age-appropriate activities while modifying activities as needed
- Adhered to all scheduling parameters and communicated with parents daily, providing individuals with updates and information related to each child's experience.
- Addressed and resolved a myriad of issues for students and parents, promoting a collaborative environment always rooted in mutual respect.

Kings Christian Collegiate | Oakville, ON
Teaching Assistant, Co-Op Work Term | January 2019 – June 2019

- Supported the classroom teacher within a 9th grade Theatre Arts class, confirming that all students received individualized feedback and understood classroom activities/expectations.
- Led focus groups to address and resolve gaps in students' mastery of content, evaluating student retention of content and other relevant information to organized focus groups appropriately
- Facilitated final project completion for all students, confirming that students understood all requirements and were provided with the tools and resources necessary to complete final projects on time.
- Served as the main teacher in the classroom teacher's absence, promoting continuity in instructional delivery while ensuring high levels of student engagement
- Performed preliminary markings for students, determining students' existing knowledge base to inform academic strategic planning and promote a highly effective learning environment

Additional Experience

Food Service | Ice Dreams Soda Shop

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

Community Engagement

Volunteer | Canada Food for Children