

James Hare

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Education:

Computer Programmer Analyst – Advanced Diploma

January 2021 – December 2022

Niagara College, Welland, ON

Primary Skills:

Experience with C#, .NET, Java, Python:

- **Developed** multiple user-friendly applications for managing large amounts of data and processing it using various design patterns (**MVC, MVVM**) and technologies (**Xamarin, Blazor**).
- **Managed** and **processed** complex data in MongoDB with Python.
- **Assisted** in the development of a custom CRM application for use by a local charity including functionality for performing sales, managing membership data, and reporting on various sales and demographic metrics.

App development experience with API and Web Services integration:

- **Programmed** an **API** from scratch for maintaining data for a campground, including compounds and campers.
- **Tested** the functionality of an API built with C# and using Swagger.
- **Created** and **deployed** an application to call and manipulate data using the previously mentioned API to maintain campground data using **Swagger** as well as a custom **Xamarin** app.

Experience with SQL, SSIS:

- **Developed** advanced procedures for generating and/or processing large amounts of business data.
- **Evaluated** existing T-SQL functions created in collaboration with fellow students to modify for future dynamic use.
- **Created** database and data warehousing systems from scratch, along with the necessary security, schemas, and partitions required for safe operations.

Secondary Skills:

Analytical and troubleshooting:

- **Performed** a number of bug fixes on both frontend and backend aspects of a CRM web app designed to manage employee data, customer memberships, and purchases/inventory.

- **Analyzed** collaborators' code and offered support in fixing build errors and various other issues within our **C# MVC** project and **SQL** database.
- **Created** custom unit tests to solve a critical issue in the calculation of order total cost being calculated across multiple C# classes.

Communication:

- **Collaborated** with a team through the semester-long development of a complex custom **CRM** application.
- Practiced in writing **detailed comments** to explain the purpose and function of my code.
- Reading and writing intra-office memos and documentation.

Employment History:

Dairy / Frozen Associate

January 2022 — Present, Walmart Canada

Peer Tutor

October 2021 – May 2022, Niagara College

Screen Printer / Recycler

August 2019 — January 2021, Speck Industries