

Dennis Dao

Belle River, ON

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Skills

Languages HTML, CSS, JavaScript, SQL, NoSQL, Python, Java, C#

Technical Windows, Linux, Git, GCP, React, Express, Bootstrap, JSON, Node.js, Spring Boot, Docker, PostgreSQL, SQL Server, SDLC

Education

University of Windsor

Windsor, ON

Bachelors of Computer Science (Honours), Minor in Mathematics

Sept 2019-Jun 2024

- GPA: **92.98%**
- Coursework: Databases, Artificial Intelligence, Data Structures/Algorithms, Operating Systems, Networks, Software Engineering

Experience

Undergraduate Teaching Assistant

Windsor, ON

University of Windsor

Sept 2020-Dec 2023

- Collaborated with professors and other TAs to provide support to **500+ students** for **9** undergraduate computer science courses
- Effectively provided **1:1** feedback in evaluation of the quality of student work to increase office hours attendance by **50%**

IT Support Specialist Co-op Student

Windsor, ON

Windsor-Detroit Bridge Authority

May 2023-Aug 2023 | Sept 2022-Dec 2022

- Developed and designed an inventory tracking system and automated flows for repetitive tasks using **Microsoft Power Platform** and **Microsoft 365**, allowing the IT team to perform facilities records administration more efficiently by **40%**
- Engaged with end-users with excellent customer service at the helpdesk and rolled out **60+** new work phones for enhanced security

IT Developer Co-op Student

Windsor, ON

The Narmco Group

Jan 2022-Apr 2022

- Designed and developed **SQL Server** queries for a secure manufacturing reporting application to migrate from an **IBM AS/400** system and amortization calculations for a quote system in **Visual Basic** and **DevExpress WPF UI**, all ahead of schedule by **2** weeks
- Maintained software applications using **Track-It** to resolve operating problems and ensure response time for **200+** employees

Graphic Designer Co-op Student

Mississauga, ON

Communitech

May 2021-Jun 2021

- Collaborated remotely in the **DMS Future Proof** program with **Agile** teams of **8** to develop digital marketing strategies and tools for **700+** Southwestern Ontario small businesses by developing photos, logos, and infographics using **Photoshop** and **Illustrator**

Projects

🎮 Magic The Gathering (MTG) Companion Site

Created a responsive **React** companion site to better support 6-15 player MTG games

Jul 2024-Aug 2024

- Integrated the **Scryfall REST API** in the back-end with **Axios HTTP** requests to include official game data as a **one-stop location**
- Programmed a **responsive** and intuitive UI to manage player and game data, a card consultation search with **autocomplete**, and a timer to speed up matches by **50%** using the **React-Bootstrap** library, **JavaScript**, and hosting via a **Google Cloud Platform VM**

Inventory Tracking System

Led the creation of an inventory tracking system using **Power Apps**

May 2023-Aug 2023 | Sept 2022-Dec 2022

- Customized and documented an inventory tracking system with an **Excel** data source to **structure** and **visualize** IT asset data trends using built-in graphs and reporting as **one cohesive system**
- Implemented custom flows in **Power Automate** to automate repetitive tasks, improving the management process by **40%**

RS Reporting Application

Converted AS/400 queries into **SQL Server** queries for a manufacturing reporting application

Jan 2022-Mar 2022

- Translated, debugged, and optimized **SQL Server** queries from AS/400 logic using **temporary tables** to ensure queries are **50%** more efficient and **100%** accurate to use in **SQL Server Management Studio** and **SQL Server Reporting Services** for user-facing reports
- Organized user accounts with specified access/group permissions using **Active Directory and Users**, ensuring information security