

Dennis Dao

Belle River, ON

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Skills

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

Technical Windows, Linux, Git, GitHub, GCP, React, Express, Bootstrap, JSON, Node.js, .NET, PostgreSQL, SQL Server, Agile, 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

Software Programmer

Windsor, ON

The Narmco Group

Oct 2024-Present

- Planned and scripted **Powershell** procedures to communicate with **SQL Server** and **Azure** databases and **REST APIs** to automate management and customs processes on a **PLEX ERP** system used by **200+** employees, improving operational efficiency by **60%**
- Led RPA projects with **Automation Anywhere** to automate invoice processing and emailing processes with a completion rate of **+80%**

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%**

Information Technology 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, all ahead of schedule by **2** weeks
- Maintained software applications using **Track-It** to resolve operating problems and ensure response time for **200+** employees

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**

🔮 Digital Art Portfolio

Designed an efficient digital art portfolio system using **React**, **Express**, and **PostgreSQL**

May 2024-Jun 2024

- Built an intuitive UI, communicate with the back-end using **HTTP** requests by **Axios** and more efficiently manage, display, and evaluate digital artwork hobbies instead of using a file-folder system, enhancing the management process by **50%**
- Integrated an **Express REST API** to communicate with a **PostgreSQL** database using **Sequelize** and store registered user data

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