

# Dennis Dao

Belle River, ON

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## Skills

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**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

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### 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

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### 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

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### ⌚ 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