# Dennis **Dao**

COMPUTER SCIENCE STUDENT

*Belle River, ON*

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## Skills

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|---|---|
| **Languages** | Python, C, Java, MASM32, HTML, CSS, SQL, C#, VBA, JavaScript, PHP, Power Fx |
| **Technologies** | Windows, Mac, Linux, PHPmyAdmin, VSCode, SQL Server, Office 365, GIMP, Unity3D |

## Education

**University of Windsor** *Windsor, ON*

BACHELOR OF COMPUTER SCIENCE, HONOURS COMPUTER SCIENCE CO-OP *Sept. 2019 - Dec. 2023*

- Minored in **Mathematics**, Specialized in **Game Development**
- Coursework: Databases, Game Development, Game AI, Data Structures/Algorithms, Operating Systems, Web Design

## Experience

**University of Windsor** *Windsor, ON*

UNDERGRADUATE TEACHING ASSISTANT *Sept. 2020 - Dec. 2023*

- Evaluated quality of student work, led lab sessions, and anticipated and answered student questions during weekly office hours

**Windsor-Detroit Bridge Authority (WDBA)** *Windsor, ON*

IT AND FACILITIES CO-OP STUDENT | 3RD & 4TH CO-OP WORK PLACEMENT *Sept. 2022 - Aug. 2023*

- Supported IT and Facilities staff with troubleshooting technical problems, participating in the on-boarding of new employees, rolling out new work phones to **60+ employees** for security improvements, and with records administration (hiatus Jan. 2023 - Apr. 2023)
- Contributed to the company's return to office plan by drafting employee handbooks, moving office furniture, and setting up office workstations and IT equipment

**The Narmco Group** *Windsor, ON*

IT CO-OP STUDENT | 2ND CO-OP WORK PLACEMENT *Jan. 2022 - Apr. 2022*

- Designed, configured, and implemented **LAN/WAN software and services** for network operating efficiency
- Maintained the software of the company through the helpdesk to ensure operating problems are resolved and the availability of disk space, response time, and information security

## Projects

**Inventory Management App**

WORKPLACE | CO-OP PROJECT *Sept. 2022 - Aug. 2023*

- Assisted with inventory management for WDBA by developing an automated inventory tracking app to help improve IT department efficiencies and tracking of assets, reducing time taken to manage inventory in storage and IT assets in the offices by **40%**
- Implemented using **Microsoft Power Apps** and **Power Automate** from **Microsoft Power Platform**

**AI Capture the Flag**

ACADEMIC | AI FOR GAMES PROJECT *Jan. 2023 - Apr. 2023*

- Created a capture the flag game played by two teams of **intelligent agents** to show goal-oriented and human-like behaviour
- Programmed using **Unity 3D Game Engine** with **C#** scripting and source control using **GitKraken**

**Board Game E-Commerce Website**

ACADEMIC | ADVANCED WEB DESIGN PROJECT *Jul. 2022 - Aug. 2022*

- Developed an interactive E-commerce website with server-side and client-side scripting with all relevant functions, allowing users to browse through products and order items and allowing staff to manage content
- Completed using **HTML**, **CSS**, responsive web design, **MySQL**, and **PHP**

**RS Reporting Application**

WORKPLACE | CO-OP PROJECT *Jan. 2022 - Mar. 2022*

- Converted The Narmco Group's remaining AS400 queries to efficient MS SQL queries and implemented a secure reporting application with these queries, used by **200+ employees** across their plants daily via a LAN/WAN
- Written using **MS SQL, SQL Server Management Studio, and Azure Data Studio** for back-end, **SQL Server** for the front-end