

# Asfi Hassan

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## EDUCATION

### University of Windsor

*Bachelor of Computer Science with Honour's*

Windsor, ON

*Sep. 2023 – Present*

## WORK EXPERIENCE

### Student Office Assistant | Ministry of the Solicitor General

May 2025 – Present

- Prepared and organized correspondence, performed data entry and word processing functions, and created a variety of documents.
- Assisted with archival and filing projects by following rules for file retention and destruction, using technology to manage documents.
- Conducted research, performed analysis, and input data into internal systems.
- Upgraded organization computers from Windows 10 to 11, ensuring smooth transitions and system compatibility.

### Part-Time Cashier/Closer | Little Caesars

July 2022 – Dec. 2024

- Managed customer transactions efficiently, handling cash, credit, and mobile payments.
- Assisted in preparing and packaging food items during peak hours to ensure smooth operations.
- Trained new employees on register operations and customer interaction best practices.

## PROJECTS

### Java Expense Tracker | Java, HTML, CSS VS Code, OOP Concepts

Jan. 2025

- Developed a Java-based application to track income and expenses, categorized by type.
- Implemented dynamic balance calculations and category-based summaries.
- Utilized Object-Oriented Programming (OOP) principles for modular and maintainable code.

### Employee Management System | Python, SQLite, VS Code

Dec. 2024

- Developed a Python application to manage employee records using an SQLite database.
- Implemented CRUD operations for storing and updating employee details.
- Designed a menu-driven interface for streamlined database interactions.

### Socket Messaging System | C, VS Code, Unix/Linux (Cygwin)

Nov. 2024

- Developed a multithreaded chat server handling concurrent client communication.
- Implemented message broadcasting and connection management using mutex locks.
- Designed scalable solutions for efficient real-time messaging.

### WestEnd | HTML, CSS, JavaScript, Stripe, VS Code

April 2024 – Present

- Built a fully functional e-commerce website with secure payment integration using Stripe.
- Designed interactive product galleries and responsive store pages.
- Enhanced user engagement with seamless browsing and checkout experiences.

## EXTRA-CURRICULAR ACTIVITIES

### Technician / Programmer | FIRST Robotics Team

Nov. 2022 – April 2023

- Enhanced the robot's autonomous functionality, earning judges' recognition in competitions.
- Programmed and optimized the robot for competition readiness.
- Collaborated with peers to improve robot precision for local and regional contests.

### Volunteer | Windsor Public Library

July 2021 – Aug. 2021

- Helped over 10 children explore STEM concepts through robotics and programming games.
- Organized daily activities fostering creativity in technology and robotics.
- Received positive feedback from participants and staff for inspiring curiosity in STEM.

CERTIFICATIONS

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| <b>Certified Python Developer</b>   <i>W3Schools</i>                   | Dec. 2024 |
| <b>Certified Java Developer</b>   <i>W3Schools</i>                     | Dec. 2024 |
| <b>Certificate of Continuing Education Completion</b>   <i>Cybrary</i> | July 2024 |

TECHNICAL SKILLS

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**Languages:** Java, Python, C, SQL, HTML/CSS, JavaScript  
**Tools:** GitHub, Docker, VS Code, Vim, PyCharm, Eclipse, MS Office  
**Operating Systems:** Windows, Unix/Linux (Ubuntu, Cygwin)