

EDWIN PAUL

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EDUCATION

Bachelor of Computer Science Honours (Applied Computing)

Graduated June 2025

University of Windsor, Windsor, ON, Canada

Relevant coursework: Algorithms & Data Structures, Operating Systems, Databases & Big Data, Networking

EXPERIENCE

Undergraduate Research Assistant - University of Windsor, Windsor, ON

May 2023 – May 2025

- Collaborated on **Adila**, a research project to eliminate popularity bias in neural team formation models.
- Created **Python** functions to visualize and plot resultant data effectively.
- Designed an algorithm to calculate and plot the midpoint of an area under a curve.

Undergraduate Teaching Assistant - University of Windsor, Windsor, ON

Sept 2024 – Dec 2024

- Partnered with a professor to design sample databases using **PL/SQL** through JDBC.
- Effectively utilized clear examples to increase lab attendance by **50%**.
- Organized TA meetings and delegated tasks to fellow TAs.

TECHNICAL SKILLS

Programming Languages: Python, Java, C, C#, SQL, C++, HTML, JavaScript, CSS, PHP

Libraries/Frameworks: SciKit Learn, Pandas, NumPy, PyTorch,

Technologies: Git, Linux, MySQL, Docker

PROJECTS

Blazeguard - Space Apps Hackathon Submission

Oct 2023

Worked in a team of 6 to create a web app that tracks and displays locations of potential and live wildfire activity.

- Utilized NASA satellite data and crowd sourcing to have updated data.
- Designed and implemented front-end elements using **React**, **TypeScript** and **SASS**.

Android Trivia Game App

March 2025

Created an android trivia game using Android Studio in a team of 4.

- Programmed a leaderboard system by checking highscores in the database.
- Used **SQLite** and **Java** to store and retrieve user's scores.
- Enabled users to continuously check the leaderboard for live results.

Bookstore Application

Dec 2024

Collaborated with a team of 10 using **Agile** methodologies to create a bookstore application.

- Created a login system with **C#** under the .NET framework and XML was used to create front-end UI elements.
- Separated profile access to allow for admin and user access.
- Enabled users to manage and access their shopping cart through the login feature.

Shopping Website - Course Project

March 2024

Developed a website that allows users to shop for clothes including a shopping cart system.

- Created a login and sign up page using **PHP**.
- Added a shopping cart that allows users to add clothes to the cart to purchase.

EXTRA-CURRICULAR ACTIVITIES

Volunteer at Women's Enterprise Skills Training of Windsor Inc (WEST)

Sept 2024 – Dec 2024

LEAD Program Assistant

- Assisted in daily office operations by efficiently managing filing systems, ensuring easy of access for staff and participants.
- Helped coordinate logistics for events and workshops, including setting up equipment and ensuring all necessary supplies were available.
- Collaborated with the manager and supervisor to design and create certificates.