

Emioluwa (Emi) Oguntunde

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Education

Bachelor of Computer Science, 3rd year standing

Expected completion: December 2025

Carleton University, Ottawa Ontario Canada

- Awarded the Award of Excellence Scholarship and Entrance Scholarship for having an excellent academic standing.

Relevant Coursework Completed:

Introduction To Computer Science, Discrete Structures, Systems Programming, Web Applications, Abstract Data Types and Algorithms, Introduction to Software Engineering, Operating Systems, Object-Oriented Software Engineering, Elementary Calculus, Linear Algebra

Skills

Programming: Python, Ubuntu, Java, C, C++, Qt C++, JavaScript, HTML, CSS, Node.js

Visualization Tools: MongoDB, ImageJ.js, Roboflow, DeeplabCut, Conda, Zen, Git, Power BI, IntelliJ, VS Code, GEdit Text Editor, Notepad, Atom, Microsoft word, Microsoft Excel, Microsoft PowerPoint, Windows OS, Linux

Soft skills: Detail Oriented, Effective communication (verbal and written), Problem Solving, Resilient, Teamwork, Multitasking

Languages: English (Fluent), French (Beginner)

Experience

Biology AI Research Intern: Carleton University

May 2024-August 2024

- Leveraged my passion for global food security to train AI to monitor cricket farms and inform cricket livestock management decisions.
- Gathered, analyzed and trained data in a laboratory to inform cricket livestock management decisions.
- Developed Computer Vision models to analyze how cricket size development correlates to different rearing conditions.
- Utilized **Roboflow, Microsoft Excel, Zen 3.6 blue edition, DeeplabCut, Conda, ImageJ.js**.

Data Analyst: TELUS

August 2023-March 2024

- Conducted comprehensive research and evaluation tasks, ensuring the precision and relevance of data.
- Utilized search engines, online maps, and website information to meticulously verify and compare data.
- Regularly underwent occasional quality assurance checks to uphold data quality and accuracy standards

Marketing Team Lead: Wizeprep

August 2022-December 2023

- Demonstrated effective communication, exceptional customer service and marketing skills in the promotion of a course preparation resource to students.
- Successfully directed the marketing team, contributing to the resource's recognition through strategic flyer and poster distribution.

Projects

Front end Client Shopping Simulation

October 2023

- Applied expertise in **HTML/CSS** and **JavaScript** using Visual Studio Code to conceptualize, develop and design a dynamic web page that enables users to browse office supplies from multiple vendors, add items to an order, remove items and place an order.
- The interface facilitated user interaction, allowing seamless browsing of office supplies from various vendors, addition and removal of items from an order, and order placement.
- Grade of 100% received for this project.

Full Stack Art Exhibition Database

December 2023

- Employed **OpenStack, Pug, JavaScript, CSS, MongoDB Database, JSON, Express** and **Sessions** to create a dynamic Open Gallery web application providing an exhibition space for artists and connecting them with patrons in the community.
- Designed to accommodate patrons and artists user types. The application facilitates the addition of new artworks and workshops for artists, while patrons can browse artworks, add reviews and likes, follow artists, receive notifications, and participate in artist workshops.
- Utilized both client-side and server-side technologies for seamless functionality.
- Achieved a grade of 91% for this project.

Accomplishments

- Received Resilience Character Award (2018)
- First Place at RoboRave SumoBot Robotics Competition (2018)
- Received Perseverance Character award (2021)
- Awarded Ontario Scholar Award by the Ontario Ministry of Education (2021)

Extracurricular Activities

First Year Connections Mentor

April 2022- October 2023

- Guided first-year students in their transition to Carleton University by answering their questions and facilitating connections with campus resources.
- Contributed to their successful assimilation, ensuring a positive start to their university experience.

Fall Orientation Facilitator

April 2022- September 2022

- Leveraged strong communication skills to welcome new students to Carleton, run events, and provide essential information about the university resources.

Carleton Computer Science Society

September 2021-Present

- Utilized and enhanced my programming and analytical skills while networking with other computer science students at Carleton.

Paul Menton Centre Notetaker

September 2023- December 2024

- I volunteered to take notes for students with disabilities in my class and uploaded my notes within two days.