

Julian Macioce

macioce@uwindsor.ca // (519) 995 - 8553

Website julianmacioce.me

GitHub [JMacioce](https://github.com/JMacioce)

LinkedIn [julianmacioce](https://www.linkedin.com/in/julianmacioce)

Profile Of Skills

- **Built and Hosted over 3 Business-Scale Projects with Full Stack Web and Database Development** using **C#, ASP.NET Core, .NET Framework, PostgreSQL, Bootstrap, and Heroku.**
- **Student at University of Windsor** with focus on **Artificial Intelligence** and **Machine Learning (ML)** having developed AI systems with **Python, Microsoft Azure** and **Google Colab.**
- Have a firm grasp of **data structures, algorithms, and object-oriented programming** with **Java course marks over 92% in Data Structures & Algorithms, and Object-Oriented Programming** respectfully.

Skills

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

Technologies: .NET Core, Bootstrap, React, Node.js, Three.js, Git

Cloud: Microsoft Azure, Heroku

Miscellaneous: Adobe Creative Suite, Unity, OS (Windows, Linux), Ableton, MS Suite (Excel, Word, PowerPoint)

Education

Bachelors of Computer Science [Honours]

University of Windsor, 2024 - **92%** Major Avg

Bachelors of Music [Honours] in Piano

Performance

University of Windsor, 2021 - **94%** Major Avg

Projects

Connectify

December 2022

Personal Project

- **Full Stack** web app featuring **secure user authentication, authorization, accessing the database, multi-user support, an image upload service, two factor authentication, and an email system.**
- Allows the user to create a contact list, categorize items, filter by category, and connect with contacts.
- Technologies: **.NET 7.0, C#, PostgreSQL, Bootstrap, Heroku**

Artificial Intelligence System for Maximizing Profits

January 2023

Personal Project

- Able to **outperform standard corporate advertising approach by over 80%**
- AI system to simulate optimizing a product upgrade campaign for a **10million+ customer company.**
- Technologies: **Python, Jupyter Notebooks, Google Colab**

LeetCode Coding Challenge Apps - Sagas, FizzBuzz, Back-Words

November 2022

Personal Project

- Turning LeetCode interview questions into interactive apps with coding solutions and a walkthrough.
- Technologies: **JavaScript, HTML, CSS, Bootstrap**

Experience

Teaching Assistant

September 2019 - Present

University of Windsor, Windsor ON

- Responsible for lab instruction, marking, and holding office hours for **3 core undergraduate courses**

Lifeguard/Swim Instructor

August 2014 - Present

City of Windsor, Windsor ON

- Ensuring safety of pools in a **team of 30** and **taking initiative by teaching swim lessons for absent coworkers**

Operations Team Lead

September 2018 - December 2021

University of Windsor, Windsor ON

- **Leading a team of 15** for stage set up, live stage lighting, live performance audio mixing, cashier services, and video recording
- Completed 50+ events; **identifying needs for team equipment understanding and held training sessions to increase team fluency of hardware by 100%**

Extra-Curricular

- **Google Developer Student Club**, website development for multiple companies within the community
- **Artificial Intelligence Club**, mentorship and collaboration for personal AI projects in Python
- **UWindsor Robotics Club**, guidance and collaboration for personal robotics projects using Arduino's
- **Computer Science Society**, workshops and meetings to stay up to date with new digital tech discoveries
- **Awards and Scholarships**; Labour Sponsorship Gary Parent Scholarship, UW Alumni Association Memorial Scholarship, Human Kinetics Book Award, Phil Gignac Music Award, Dean's List Honour Roll