

# Julian Macioce

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Website [julianmacioce.me](http://julianmacioce.me)

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

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## Profile Of Skills

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- **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

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**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

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**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

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### 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

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### 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

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- **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