Julian Macioce

macioce@uwindsor.ca | (519) 995-8553 | julianmacioce.me | linkedin.com/in/julianmacioce | github.com/JMacioce

Software Engineer (Full Stack)

- **Software Engineer skilled in big data, data analysis, back-end development, scaling distributed systems, and cloud.**
- **Completed 3 Co-op terms focusing on practical applications.**
- **Proven leadership managing a dynamic 30+ member team at the City of Windsor.**
- **Bachelor of Computer Science from University of Windsor, specializing in Artificial Intelligence and Machine Learning.**
- **Proficient in full stack web and database development, built and hosted projects using C#, ASP.NET Core, .NET Framework, PostgreSQL, Bootstrap, and Heroku.**

Skills

- **Languages:** Python, C#, JavaScript, SQL, C/C++, HTML/CSS, Java
- **Tools & Frameworks:** .NET, Splunk, Bootstrap, React, Node.js, Three.js, Helm, Git, Atlassian (Jira, Confluence), Docker, Microsoft Azure, AWS, Heroku, VS Code, Visual Studio
- **Other:** Adobe Creative Suite (Premiere Pro, Photoshop, After Effects), Unity, OS (Windows, Linux), Ableton, MS Suite (Excel, Word, PowerPoint)

Experience

CIBC   Toronto, Ontario, Canada
Software Developer Intern   *May 2023 – April 2024*

- Optimized performance of a major CIBC campaign business dashboard in Splunk, reducing run-time by 55% through meticulous data analysis and visualization enhancements.
- Automated the decommissioning process for virtual machines, establishing a robust CI/CD workflow that compiles, logs, and reports data automatically each night, enhancing operational efficiency.
- Assisted in cloud migration initiatives, implemented Azure data storage solutions (including files and blobs) and configured Splunk Universal Forwarder for streamlined data ingestion and analysis.
- Developed a Splunk data model for PII data masking, supporting eBanking releases.

City of Windsor   Windsor, Ontario, Canada
Pool Supervisor (Promoted from Lifeguard in April 2023)   *August 2014 – Present*

- Leading a team of 30 lifeguards, responsible for banking duties at outdoor facilities, and taking initiative during emergencies.

University of Windsor   Windsor, Ontario, Canada
Teaching Assistant   *September 2019 – April 2024*

- Responsible for lab instruction, marking, and holding office hours for 4 core undergraduate courses, including Data Structures and Algorithms and Programming for Beginners.

Education

University of Windsor   **Windsor, Ontario, Canada**
Bachelor of Science, Computer Science (92% Major Average)   *September 2021 – April 2024*
Bachelor of Music, Piano Performance (94% Major Average)   *September 2018 – April 2021*

Projects

- **Connectify** - Full Stack web address book app featuring secure user authentication, authorization, accessing the database, multi-user support, an image upload service, two factor authentication, and an email system.
- **Artificial Intelligence System for Maximizing Profits** - AI system to simulate optimizing a product upgrade campaign for a 10million+ customer company, consistently outperforming standard corporate advertising approach by over 80%.

Awards, Accolades and Certifications

- **Microsoft Certified: Azure Fundamentals (AZ-900)**
- **Chief Technical Officer Program (University of Windsor)**
- **Active Involvement:** UWindsor Artificial Intelligence Club, UWindsor Robotics Club, Windsor Symphony Orchestra
- **Awards and Scholarships:** Labour Sponsorship Gary Parent Scholarship, Human Kinetics Book Award, Dean's List Honour Roll, UW Alumni Association Memorial Scholarship, Phil Gignac Music Award