Angelo Mozzillo

Date of birth: 14/01/1999 | **Nationality:** Italian | **Phone number:** (+39) 3331167936 (Mobile) | **Email address:** a.mozzillo99@gmail.com | **LinkedIn:** www.linkedin.com/in/angelomozzillo |

Address: Viale Don Giovanni Minzoni 231, 41125, Modena, Italy (Home)

ABOUT ME

Driven by an insatiable curiosity, I thrive on embracing new challenges and seizing opportunities that come my way. My interests extend beyond the professional realm—I am passionate about sports, a dedicated traveler, and always stay attuned to the latest trends in digital technologies.
Currently, I am immersed in a Ph.D. program, generously sponsored by Leonardo Company, focusing on Data Preparation, Integration, Big Data Management, and High-Performance Computing. My research endeavors to contribute to the dynamic landscape of data-driven technologies.

WORK EXPERIENCE

06/2017 – 08/2019 Benevento, Italy
VOLUNTEER COOPERATIVA SOCIALE ONLUS BARTOLOLONGO

Animation and entertainment of children, at summer campus, parties and events

04/2021 – 04/2021 Modena, Italy
PROJECT CO-WORKER BPER BANCA

ICARO UNIMORE is an experimental project that trains and coaches students in innovation, in a path of excellence based on concrete experiences that bring young people closer to local entrepreneurial realities and their business culture.

04/2022 – 09/2022 Modena, Italy
JUNIOR DATA ENGINEER DOXEE

- Integration into enterprise AWS architecture of GDPR compliant User Master Data
- Segmentation of Users on "custom" logics and clustering of Users with Machine Learning techniques.
- Construction of a data processing and visualization system in the context of CCM and Interaction analytics with requirements drafting, architectural definition and analysis
- Construction of ETL pipeline for data cleansing and processing
- Construction of dashboards for data visualization with BI tools.

11/2022 – CURRENT Modena, Italy
PHD CANDIDATE ICT UNIMORE UNIVERSITY OF MODENA AND REGGIO EMILIA

Topic: High Performance Data-Integration for AI

EDUCATION AND TRAINING

10/2017 – 10/2020 Benevento, Italy
BACHELOR DEGREE University of Sannio

Website www.unisannio.it | **Field of study** Computer Engineering | **Final grade** 107 |

Thesis A topic modelling approach for assessing the consistency between comments and source code

10/2020 – 10/2022 Modena, Italy
MASTER DEGREE University of Modena and Reggio Emilia

Website www.unimore.it | **Field of study** Data Engineering | **Final grade** 106 |

Thesis Gestione, analisi e visualizzazione di Big Data: il progetto "Digital eXperience Platform"

LANGUAGE SKILLS

Mother tongue(s): **ITALIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	B2	B2	B2	B2	B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

Programming Languages

C++ | Java | SQL | Python

Programming Tools

AWS | Git | Docker | Tableau

Team Skills

Problem Solving | Team Work

Personal Skills

Detailed | Curious

ADDITIONAL INFORMATION

PROJECTS

WineryIOT Innovative project presented within the Internet of Things (IoT) course. The goal is to create a sensor to be placed inside nearby wine cellars for the analysis of their vital parameters. Additionally, through data collection, Machine Learning algorithms are employed to enable the cellars to implement automatic preventive actions in anticipation of detected anomalies.

Link https://github.com/mozzillo57/WineryIoT

Basketball Understanding The project aims are to analyze the feasibility of an intelligent system capable of understanding the game of basketball and collect statistics through visual data. The main purposes will be to recognise the players, understanding their team membership and localizing them in the field. To achieve these goals we will test a subset of non-deep and deep algorithms seen in our lessons in order to finally understand their strengths and limitations performing our tasks.

Link https://github.com/mozzillo57/BasketballUnderstanding-Statistics

PUBLICATIONS

Evaluation of Dataframe Libraries for Data Preparation on a Single Machine – 2023

This paper examines the performance of popular Python dataframe libraries in general data preparation tasks on a single machine. The evaluation involves 4 real-world datasets and pipelines with diverse characteristics.