

Giulia Martini

DATA SCIENTIST · RESEARCHER · BASKETBALL COACH AND PLAYER

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Summary

As a dedicated engineer and data scientist at the United Nations, I have consistently applied my analytical skills to deliver impactful results. Motivated by a lifelong passion for basketball, I am pursuing a career transition into coaching and basketball analytics, actively studying and refining my coaching competencies. I hold a particular interest in fostering players' coordination and decision-making skills, with a growing focus on the constraints-led approach and differential learning. I am seeking opportunities abroad to broaden my understanding of the game and further advance my coaching expertise.

Basketball experience - Coaching

Female section coordinator and head coach

Rome (It)

GBP FRASSATI ROMA

Sep 2025 - Current

Head coach for the U13 and U11 female teams

Assistant coach

Rome (It)

ITALIAN BASKETBALL FEDERATION - REGIONAL SECTION (FIP LAZIO)

Sep 2024 - Current

Assistant coach for regional activities

Kids Basketball coach

Rome (It)

GBP FRASSATI ROMA

Sep 2023 - June 2024

Head coach and assistant coach for the U12, U11 and U9 teams

Kids Basketball coach

Rome (It)

GBP FRASSATI ROMA

Sep 2023 - June 2024

Coach and assistant coach for the U13, U11 and U9 teams

Basketball Focal point

Rome, Italy

UNITED NATIONS WORLD FOOD PROGRAMME

June 2022 - October 2024

Assistant coach

Rome (It)

SMIT ROMA

Sep 2022 - June 2023

Assistant coach for the U19 Female team

Sport Volunteering - PE trainer and basketball coach

Buenos Aires, Argentina

ESCUELITA CARAGUATA

December 2019

Sport Volunteering - Basketball coach

Saint Louis, Senegal

PROJECTS ABROAD

June 2016 - August 2016

Kids basketball coach and youth section coordinator

Florence (It)

A.S.D PINO DRAGONS BASKET

Sep 2013 - June 2017

Coach for the U12, U11, U9, U7 teams

Basketball experience - Player

Basketball player and team captain

Rome (It)

GBP FRASSATI ROMA

Sep 2023-Current

Regional league

Basketball player and team captain

Rome (It)

SMIT ROMA

Sep 2022-June2023

Third national league

Basketball player

Rome (It)

ROMA XVI

Sep 2021-June 2022

Regional league

Basketball player	DAS DELFT	<i>Delft(NL)</i>
Second national league		Sep 2019-June 2020
Basketball player and team captain	TU DELFT	<i>Delft(NL)</i>
Third national league		Sep 2017-June 2029
Basketball player	PFF	<i>Florence(IT)</i>
Third national league (serie B)		Sep 2013-Jun 2017
Basketball player	FLORENCE BASKETBALL	<i>Florence(IT)</i>
Second and third national league (serie A2, serie B)		Sep 2011-Jun 2013

Basketball Education

Euroleague Head Coaches Board	<i>Online</i>	
EHCB COACHES ACADEMY		December 2025 - Ongoing
Scholarship awardee		
Italian Basketball Federation (FIP)	<i>Rieti, IT</i>	
BASKETBALL COACH - 2ND LEVEL		July 2025
Barca Innovation Hub	<i>Online</i>	
MASTER IN NEUROBIOLOGY AND SPORTS PERFORMANCE		July 2024 - March 2025
Italian Basketball Federation (FIP)	<i>Viterbo, IT</i>	
BASKETBALL COACH - 1ST LEVEL		Sep 2024
Italian Basketball Federation (FIP)	<i>Florence, IT</i>	
KIDS BASKETBALL COACH		Sep 2013-Jun 2015
Italian Red Cross	<i>Florence, IT</i>	
BLSD - BASIC LIFE SUPPORT DEFIBRILLATION		Sep 2012
Renewed every 2 years - last renewal: March 2025		

Language skills

English	Full professional proficiency
French	Limited working proficiency
Spanish	Limited working proficiency
Italian	Native or bilingual proficiency

Certificates

Certificate of no criminal record.

Other Professional Experience

Data Engineer

OCHA - CENTRE FOR HUMANITARIAN DATA - DATA SCIENCE TEAM

Technical lead of HDX Signals.

Main responsibilities:

- project management and planning;
- development of new features;
- tool daily maintenance;
- project dissemination.

Rome, Italy

Oct 2024 - Present

Data Scientist

UNITED NATIONS WORLD FOOD PROGRAMME- SUPPLY CHAIN DIVISION, SUPPLY CHAIN PLANNING BRANCH

Rome, Italy

Jan 2024 - Sep 2024

Main activities:

- Demand planning forecast through statistical and ML methods;
- IT infrastructure design and development;
- reporting and visualization.

Data Scientist

UNITED NATIONS WORLD FOOD PROGRAMME- RESEARCH ASSESSMENT AND MONITORING DIVISION

Rome, Italy

Oct 2020 - Jan 2024

Main activities:

- research on the relationship between food security and its drivers;
- food security modeling using machine learning and standard statistical methods;
- reports and papers writing;
- database and information management.

Data Scientist and Engineer

UNITED NATIONS WORLD FOOD PROGRAMME- REGIONAL BUREAU PANAMA - TEMPORARY DUTY ASSIGNMENT

Panama city, Panama

March 2023 - June 2023

Main activities:

- research on the causal relationship between economic, social and weather shocks on food crisis;
- information management and database design;
- food security data analysis.

Research Fellow

UNIVERSITY OF STUDIES OF FLORENCE

Florence, Italy

May 2020 - May 2021

Researcher of the SWALK (Safe crossWALKs in urban areas: assessment of countermeasures to improve pedestrian safety) project.

Main activities:

- data manipulation and analysis;
- machine learning application;
- reports and papers writing;
- web development.

Researcher

NETHERLANDS ORGANIZATION FOR APPLIED SCIENTIFIC RESEARCH (TNO)

Delft, The Netherlands

Nov. 2019 - Oct. 2020

Main activities:

- research activities related to the applicability of machine learning to civil engineering issues;
- probabilistic analysis;
- reports and papers writing;
- spatial data analysis.