

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

GBP FRASSATI ROMA

Head coach for the U13 and U11 female teams

[Rome \(It\)](#)

Sep 2025 - Current

Assistant coach

ITALIAN BASKETBALL FEDERATION - REGIONAL SECTION (FIP LAZIO)

Assistant coach for regional activities

[Rome \(It\)](#)

Sep 2024 - Current

Kids Basketball coach

GBP FRASSATI ROMA

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

[Rome \(It\)](#)

Sep 2023 - June 2024

Kids Basketball coach

GBP FRASSATI ROMA

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

[Rome \(It\)](#)

Sep 2023 - June 2024

Basketball Focal point

UNITED NATIONS WORLD FOOD PROGRAMME

[Rome, Italy](#)

June 2022 - October 2024

Assistant coach

SMIT ROMA

Assistant coach for the U19 Female team

[Rome \(It\)](#)

Sep 2022 - June 2023

Sport Volunteering - PE trainer and basketball coach

ESCUELITA CARAGUATA

[Buenos Aires, Argentina](#)

December 2019

Sport Volunteering - Basketball coach

PROJECTS ABROAD

[Saint Louis, Senegal](#)

June 2016 - August 2016

Kids basketball coach and youth section coordinator

A.S.D PINO DRAGONS BASKET

Coach for the U12, U11, U9, U7 teams

[Florence \(It\)](#)

Sep 2013 - June 2017

Basketball experience - Player

Basketball player and team captain

GBP FRASSATI ROMA

Regional league

[Rome\(It\)](#)

Sep 2023-Current

Basketball player and team captain

SMIT ROMA

Third national league

[Rome\(It\)](#)

Sep 2022-June2023

Basketball player

ROMA XVI

Regional league

[Rome\(It\)](#)

Sep 2021-June 2022

Basketball player

DAS DELFT

Second national league

[Delft\(NI\)](#)

Sep 2019-June 2020

Basketball player and team captain

TU DELFT

Third national league

[Delft\(NI\)](#)

Sep 2017-June 2029

Basketball player

PFF

Third national league (serie B)

[Florence\(IT\)](#)

Sep 2013-Jun 2017

Basketball player

FLORENCE BASKETBALL

Second and third national league (serie A2, serie B)

[Florence\(IT\)](#)

Sep 2011-Jun 2013

Basketball Education

Euroleague Head Coaches Board

EHCB COACHES ACADEMY

Scholarship awardee

[Online](#)

December 2025 - Ongoing

Italian Basketball Federation (FIP)

BASKETBALL COACH - 2ND LEVEL

[Rieti, IT](#)

July 2025

Barca Innovation Hub

MASTER IN NEUROBIOLOGY AND SPORTS PERFORMANCE

[Online](#)

July 2024 - March 2025

Italian Basketball Federation (FIP)

BASKETBALL COACH - 1ST LEVEL

[Viterbo, IT](#)

Sep 2024

Italian Basketball Federation (FIP)

KIDS BASKETBALL COACH

[Florence, IT](#)

Sep 2013-Jun 2015

Italian Red Cross

BLSD - BASIC LIFE SUPPORT DEFIBRILLATION

Renewed every 2 years - last renewal: March 2025

[Florence, IT](#)

Sep 2012

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

Rome, Italy

Oct 2024 - Present

Technical lead of HDX Signals.

Main responsibilities:

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

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.