

MARCO MARINI

Computer Science Engineer

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ABOUT ME

It's a pleasure to introduce myself: I'm Marco. My expertise focuses on **Data Science**, **Data Engineering**, **Software Engineering**, but also covers **Computer Security**, and **IoT systems**. I'm currently on the lookout for an exciting and dynamic role in the Tech field. I'm aware a single-page resume can only provide a glimpse, so feel free to explore my [website](#) for a more comprehensive understanding of my background and skills.

EXPERIENCE

Tech Product Owner

Mediaset

Dec 2023 - Now Cologno Monzese (MI)

I spearhead the strategic management of technological products within the realms of Software, Machine Learning, and Artificial Intelligence. Key aspects of my role include:

- Solutions Architect:** Coordinate teams of external developers and design the architecture of technological solutions.
- Innovation Leadership:** Championing the integration of emerging technologies, particularly in the fields of Machine Learning and Artificial Intelligence.
- PoC Development:** Developing consistent PoC to illustrate stakeholders the feasibility and potential impact of innovative tech ideas.

Associate - Data & Analytics - AI & ML Engineer

PwC Italy

Oct 2022 - Dec 2023 Milan, Citylife

- Performed **Big Data Engineering** tasks for a financial client, speeding up the data pipeline by approximately **50%** and significantly **reducing** both **computational costs** and **data storage space**.
- Developed a complex application that allows for the calculation of risk indicators. I implemented the **backend** using **PySpark** and the **frontend** with **React**. This application has been integrated also with **forecasting models** to **anticipate market trends** and take **proactive** or **corrective** actions.
- Oversaw the development of a **clustering algorithm** designed to **identify users** with **anomalous permissions** within the client's database. I was able to **reduce the auditor's workload** by more than **fivefold** and significantly **improving the precision** of anomalous user detection.
- Held many hours of lecture during a collaboration with **H-Farm** college teaching students the foundations of Spark, Big Data and Machine Learning.

HARD SKILLS

- Platforms:** Palantir Foundry, GCP (Vertex AI, Big Query), AWS (S3).
- Framework/Languages:** Python (PySpark, Pandas, Tensorflow, Scikit-Learn), SQL, C, JavaScript, HTML, CSS, React, C++, Matlab, Typescript, Java, Terraform.
- Certifications:** [Palantir Data Engineer](#), [Palantir Data Scientist](#), [Palantir Application Developer](#), [Palantir Data Analyst](#), [Palantir Solution Architect](#) [Udemy Prompt Engineer](#).

EDUCATION

Master's Degree in Computer Science and Engineering

Politecnico di Milano

2020-2022 Milan, p.za L. da Vinci

Language: English.

Thesis: [Read here my thesis](#).

Bachelor degree thesis: [See code here](#).

LANGUAGES

Italian proficiency
English proficiency

HOBBIES

I am a passionate and curious guy who loves cultivating hobbies. I have a strong passion for **cooking**. I enjoy making pizza, panettone, and preparing **cocktails**. Additionally, I have a small collection of gins. As a true wine lover, I have achieved the first-level **sommelier** qualification. In my free time, there's nothing I enjoy more than **traveling**. I always bring my camera with me to capture [beautiful places I visit](#) (in 2015 I won Liliana Urtamonti **photography** contest with [this shoot](#)). Sports also play an important role in my life, I have participated in a variety of **sports** including skiing, soccer, paddle, beach volley and basketball.

I hereby authorize the use of my personal data in accordance to the GDPR 679/16 - "European regulation on the protection of personal data".