

STEFANO BRAMBILLA

ABOUT ME

I am a **Mathematical Engineer** with a solid background in conceiving and **developing AI solutions** to address complex business problems. My expertise includes creating **prediction and classification ML models** and managing **NLP models** such as LLM, and **deploying** them into production. I stand out for my ability to identify **business needs** and conceive appropriate **architectural solutions**.

WORK EXPERIENCE

PROPOSAL LEADER Moxoff 2023 - today

- **Head of the technical management of the pre-sales phase for AI projects**, I dealt with qualifying commercial opportunities, exploring customer data, making preliminary choices of solution models, designing the solution architecture, and drafting the technical specifications and project proposals.
- **I led a team of two people**, managing task assignments and establishing weekly priorities.
- **I successfully contributed to the sale of over 20 projects** in one year, out of over 100 project proposals developed, covering various solutions, including the prediction of production quality from machine sensors, a chatbot for automate the help desk and a chatbot for drive-thru at a fastfood restaurant.

MATH MODELS DEVELOPER Moxoff 2019- 2022

- **Developer in over 15 Data Science projects** with a focus on defining models, implementing backend code, and automation using Docker and CI/CD pipelines.
- Development of a Python solution for **time series forecasting** applied to HV energy flow in northern Italy, through the ensemble of models developed with **Tensorflow and XGBoost** and deployed with **Sagemaker**.
- Creation of a solution for **Big Data processing** in the advertising sector using **Apache Spark**, with related infrastructure on AWS, and subsequent maintenance with technical leadership.
- **Maintenance of production code** for a **recommendation system** and development of new features in Agile mode.
- Active member of the Competence Center for Distributed Computing, **introducing the use of Terraform as a company practice**

EDUCATION

Mathematical Engineering MSc, Politecnico di Milano

Mathematical and physical modelling for biomedicine
2015-2018 104/110

Mathematical Engineering BSc, Politecnico di Milano

2012-2015 105/110

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CERTIFICATIONS

- AWS Certified Solutions Architect – Associate (2022)
- Machine Learning with Python - MITx (2023)



COMPETENCES

- Python, C++, Scala, Node.js,
- Tensorflow, Scikit-Learn, LangChain, XGBoost
- Terraform, AWS, GCP, Azure, SageMaker
- Docker, Kubernetes, Git, Bash
- Apache Spark, React, Streamlit
- Apache Spark, PostgreSQL, Elasticsearch
- NGINX, Keycloak, Letsencrypt

- Classification and Prediction ML Models
- NLP and GenAI Models
- Data Manipulation and ETL Pipelines
- Optimization Problems
- Development and use of RESTful APIs
- Implementation of CI/CD Pipelines
- Development of simple User Interfaces

- English Proficiency Level C1 (IELTS 2014)
- Distinctive ability to identify business needs and formulate effective strategies for solving complex problems
- Multitasking skills demonstrated in dynamic and challenging environments
- Experience in Agile methodology, with the ability to adapt to flexible and collaborative development processes
- Passionate about 3D printing, comics, basketball, and board games
- Active blood donor for AVIS

CONTACT

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