



Riccardo Agabiti

ABOUT ME

Deep Learning and Machine Learning enthusiast, Data Scientist, and passionate Musician. Combining analytical skills with a creative mindset.

EDUCATION AND TRAINING

09/2021 – 18/01/2024 Roma, Italy

MASTER'S DEGREE IN DATA SCIENCE Università degli Studi di Roma "La Sapienza"

Principal subjects/occupational skills covered:

- **Deep Learning and Applied AI:** Techniques and methodologies for implementing and optimizing deep learning models for various applications.
- **Machine Learning:** Fundamental principles and algorithms for supervised and unsupervised learning.
- **Data Mining:** Techniques for extracting meaningful patterns and insights from large datasets.
- **Statistical Learning:** Statistical methods and models for data analysis and prediction.
- **Data Management:** Skills in handling, storing, and processing data efficiently.
- **Deep Learning:** Advanced techniques for building, training, and deploying deep neural networks.
- **Neural Networks for Data Science:** Design, training, and application of neural networks to solve complex data-driven problems.
- **Research Methodologies and Best Practices:** Understanding the principles of conducting rigorous and ethical research, including data collection, analysis, and interpretation.

Address Piazzale Aldo Moro, 5, 00185, Roma, Italy | **Website** <http://datascience.i3s.uniroma1.it/it> |

Thesis Scaling Laws in Music Source Separation: A Model Based Approach

25/09/2017 – 28/05/2021 Bologna, Italy

BACHELOR'S DEGREE IN MATHEMATICS WITH THESIS IN PROBABILITY: "LARGE DEVIATIONS" Alma Mater Studiorum, University of Bologna

Address Via Zamboni 33, 40126, Bologna, Italy | **Website** <https://matematica.unibo.it/it>

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

Data Science | Data Collection, Data Processing, Data Analysis, Data Visualization | Deep Learning | Python | SQL | • Machine Learning | Statistical Learning | Data Analysis & Data Mining | Mongo Query Language | Padronanza del Pacchetto Office (Word Excel PowerPoint ecc) | Docker basics | Python - livello ottimo | Deep Learning with Pytorch | Librerie principali per deep learning (TensorFlow, Keras, Scikit-learn, numpy, scipy, pandas) | Beautiful Soup | R | SQL - livello discreto

HOBBIES AND INTERESTS

Musica

- Ableton
- Max
- Integrazione di modelli di Deep Learning per la creazione musicale