



Riccardo Agabiti

WORK EXPERIENCE

Universita' di Roma, La Sapienza

City: Roma | Country: Italy

[01/10/2024 – 01/10/2025]

Research engineer

EDUCATION AND TRAINING

[09/2021 – 18/01/2024]

Master's degree in Data Science

Università degli Studi di Roma "La Sapienza" <http://datascience.i3s.uniroma1.it/it>

Address: Piazzale Aldo Moro, 5, 00185, Roma, Italy | | Final grade: 109/110 | Thesis: Scaling Laws in Music Source Separation: A Model Based Approach

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.

[25/09/2017 – 28/05/2021]

Bachelor's degree in Mathematics with Thesis in Probability: "Large Deviations"

Alma Mater Studiorum, University of Bologna <https://matematica.unibo.it/it>

Address: Via Zamboni 33, 40126, Bologna, Italy |

LANGUAGE SKILLS

Mother tongue(s): Italian

Other language(s):

English

LISTENING B2 READING B2 WRITING B2

SPOKEN PRODUCTION B2 SPOKEN INTERACTION B2

Deutsch

LISTENING A1 READING A1 WRITING A1

SPOKEN PRODUCTION A1 SPOKEN INTERACTION A1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

SKILLS

data mining | statistical learning | misinformation detection | finetuning llm | gnn | python | docker | pytorch | transformers | data visualization | algorithms | math | machine learning | deep learning

HOBBIES AND INTERESTS

Musica

- Ableton
- Max
- Integration of Deep Learning models for music creation
- Comfy UI