



Alessio Mattiace

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About me

I am a Data Scientist and Machine Learning Engineer, and I hold a master's degree in Data Science and Artificial Intelligence from the Polytechnic University of Bari, where I learned the foundations of mathematics, statistics, and computer science.

I pursued a research path at the Polytechnic University of Bari, developing and testing recommendation systems, designing personal assistants, and refining techniques in computer vision and Natural Language Processing.

Work experience

Postgraduate Research Fellow | Politecnico di Bari, SisInfLab | 29/10/2024 - 28/10/2025 | Bari, Italy

- Developed a personal assistant capable of answering complex questions about the user's personal data (e.g., alarms, events, photos, etc.) with image-analysis module for greater visual accuracy.
- Worked on the optimization and testing of recommendation models within the Elliott framework for industrial applications in the fashion sector.
- Conducted applied research on advanced logistics management techniques tailored to the needs of the fashion industry.

Education & Training

Master's Degree in Artificial Intelligence and Data Science | Politecnico di Bari | 13/10/2023 - 26/11/2025 | Bari, Italy

Final grade: 110 Cum Laude | Level in EQF 7

Bachelor's Degree in Computer Engineering | Politecnico di Bari | 26/09/2020 - 12/10/2023 | Bari, Italy

Level in EQF 6

High School Diploma in Scientific Studies | Liceo Scientifico Enrico Femi | 13/09/2015 - 20/06/2020 | Bari, Italy

Level in EQF 4

Language Skills

Mother tongue(s): **Italian**

	Understanding		Speaking		Writing
	Listening	Reading	Spoken production	Spoken interaction	
English	C1	C1	C1	C1	B2

Skills

Technical Skills | Programming languages: Python, Java, Matlab, Prolog, OWL, RDF | Web languages: HTML, CSS, Javascript, PHP, XML | Frameworks and Libraries: NumPy, SciPy, Matplotlib, OpenCV, PyTorch, Scikit-Learn, pandas

Soft Skills | Team Working | work under pressure | Problem Solving