Mattia Gemelli

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ID: CA21933OP **Gender:** Male **Date of birth:** 13/04/2001 **Place of birth:** Ferrara, Italy **Nationality:** Italian

ABOUT ME

I am completing an M.Sc. in Artificial Intelligence and Data Engineering at the University of Pisa, with a background in Computer Engineering, a passion for web development, and a drive to apply problem-solving skills in collaborative, creative teams.

WORK EXPERIENCE

3logic MK srl

City: Pisa | **Country:** Italy

[07/2025 – Current] **Software engineer**

Extracurricular internship (Master's thesis) at a software development & consultancy firm: implementing and developing AI-driven chatbots, including designing dialogue flows, fine-tuning language models, and integrating conversational agents into client systems.

EDUCATION AND TRAINING

[2015 – 2020] **High School Diploma**

A. Ròiti Scientific High School

City: Ferrara | **Country:** Italy | | **Final grade:** 100/100 | **Level in EQF:** EQF level 5

[2020 – 2023] **Bachelor's Degree**

University of Ferrara

City: Ferrara | **Country:** Italy | **Field(s) of study:** Engineering, manufacturing and construction:
● *Electronics and automation* | **Final grade:** 110 Cum Laude | **Level in EQF:** EQF level 6 | **Thesis:** Classificazione di post no-vax con tecniche di Machine Learning

Bachelor's Degree in Electronic and Computer Engineering:

Coursework focused on programming, core computer science, and web development. Studies included algorithms and data structures, software engineering, databases, computer architecture and hands-on programming labs, with practical projects in front-end and back-end web development. This background provides strong programming skills, solid computational thinking and the ability to design and implement web applications and software solutions.

[2023 – Current] **Master's Degree**

University of Pisa

City: Pisa | **Country:** Italy | **Field(s) of study:** Engineering, manufacturing and construction: ● *Electronics and automation* | **Level in EQF:** EQF level 7

Master's Degree in Artificial Intelligence and Data Engineering:

Coursework emphasized machine learning, deep learning, information retrieval, computer vision, reinforcement learning, and evolutionary AI, with hands-on labs and project work. The program covered model design and evaluation, neural architectures (CNNs, transformers), retrieval and ranking systems, RL algorithms and evolutionary optimisation, plus end-to-end data and ML pipeline implementation (providing strong abilities in building, tuning and deploying advanced AI solutions for real-world problems).

LANGUAGE SKILLS

Mother tongue(s): Italian

Other language(s):

English

LISTENING B2 **READING** B2 **WRITING** B2

SPOKEN PRODUCTION B2 **SPOKEN INTERACTION** B2

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

SKILLS

Python | Java | C | JavaScript | HTML | CSS | SQL | Git | Linux | Docker | JSON | MySQL | MongoDB | R | MATLAB | Machine Learning | Deep Learning | Computer Vision | Ollama | LangChain | LangGraph | Scikit-learn | Github | Pandas | Jupyter Notebook | Matplotlib | Object-Oriented Programming | Seaborn | Numpy | Artificial Intelligence | OpenCV | PyTorch | Data Visualization | Anaconda | Hugging Face | Vue.js | Tailwind CSS | FastAPI | NLP | Information Retrieval | Team Working | Adaptability | Problem Solving | Autonomy | Precision | Availability | Good command of the PC, related software and the Office package | Good command of technological devices | Versatility

DRIVING LICENCE

Motorbikes:	A1	10/01/2018 – 13/04/2030
Motorbikes:	A2	25/09/2019 – 13/04/2030
Cars:	B	27/06/2019 – 13/04/2030