

Riccardo Masetti

COMPUTER SCIENCE AND ENGINEERING STUDENT · ITALY

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Summary

Born on November 5, 2002 in Pavullo nel Frignano (MO), I am a Master's student in Computer Science and Engineering at Politecnico di Milano, with strong interests in ML, applied AI and cybersecurity. Curious and determined, I am driven by continuous learning and growth. I am currently seeking an internship opportunity—preferably abroad—potentially linked to my Master's thesis, and I am fully open to relocation. Outside of academics and work, I have many interests: I play the guitar, and until 2023 I was a competitive athlete with the athletics team La Fratellanza 1874.

Education

Politecnico di Milano

MASTER'S DEGREE, COMPUTER SCIENCE AND ENGINEERING

Milano, Italy

Sep. 2024 - now

Università degli Studi di Modena e Reggio Emilia

BACHELOR'S DEGREE, COMPUTER ENGINEERING

Modena, Italy

Sep. 2021 - Oct. 2024

- **Thesis:** Implementation of Additional Features for the Web Applicatio Missioni Based on the Django Web Framework
- **Grade:** 110/110

Skills

Programming

C, Python, Java, JS, HTML/CSS, SQL, BASH, MATLAB

ML & Computer Vision

Scikit-learn, Hydra, PyTorch, Matplotlib, NumPy, Torchvision, Pillow

Dev Tools

VS Code, Linux, Git, Make, GCC, GDB, PwnTools, Docker, Wireshark

Languages

Italian (Native), English (Advanced - Certified level C1)

Interests

Machine Learning, Deep Learning, Edge AI, TinyML, Computer Vision, Cybersecurity, Web Developing

Work Experience

NECSTLab, PoliMi

STUDENT RESEARCHER

Milan, Italy

Apr. 2025 - Jan. 2026

- Contributed to a project on pangenomic variant classification using traditional Machine Learning techniques.
- Reduced training resource usage up to 10x while minimally impacting test performances.
- Analyzed pathogenicity prediction on variants of uncertain significance (90% consistency across 72 models).
- Research paper submitted for IEEE EMBC 2026 submission (Jan 2026).

ML Genomics Python Hydra Scikit-learn PyTorch Snakemake

eva

CO-FOUNDER & SOFTWARE ENGINEER

Milan, Italy

Jan. 2025 - Jan. 2026

- Collaborating to the development of "eva", a web platform to help STEM students prepare for university exams.
- The platform allows users to organize their study plans, upload resources like lecture notes, and input past exam papers.
- Architecting the core feature that leverages AI to automatically generate tailored practice tests, quizzes, and questions based on user-provided materials, mimicking the structure of official exams.

ML NLP LLMs RAG Python Javascript React Django Django REST Framework Education

Almage Lab, Unimore

SOFTWARE ENGINEER

Modena, Italy

Feb. 2024 - Sep. 2024

- Integrated into the AlmageLab research group.
- Contributed to the development of "Missioni", a web application for managing university missions using the Django Framework.

OCR Django Python SQL

MoRe Racing Combustion

SOFTWARE ENGINEER INTERN

Modena, Italy

Mar. 2023 - Oct. 2023

- Part of the Electronics & IT team for the Formula Students team Modena More Racing as a software engineer.
- Developed a telemetry system for real-time sensor data visualization, a structured database for data logging, and a multi-level remote access infrastructure.

MQTT Java C

Publications

2026 M. Minotti*, **R. Masetti***, P. Carrucci*, L. Ginestretti, M. D. Santambrogio, "eva: Continuous Learning for STEM Students", in *IEEE Global Engineering Education Conference (EDUCON 2026)*, Cairo, Egypt, Apr. 2026. (*Equal contributions)