RICCARDO MASETTI

Computer Engineer

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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 a strong interest in cybersecurity, ML and practical applications of AI (e.g Tiny ML and edge AI). I am a curious and determined person, always motivated to face new challenges and expand my skills, with a continuous drive for learning and professional growth.
I am currently looking for an internship opportunity, preferably abroad, potentially connected to the development of my Master's thesis. I am open to relocation and eager to apply my knowledge and enthusiasm in an international and dynamic environment.

EDUCATION

Master's Degree in Computer Science and Engineering
Politecnico di Milano

📅 2024 – Ongoing   📍 Milano

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Bachelor's Degree in Computer Engineering
University of Modena and Reggio Emilia

📅 2021 – 2024   📍 Modena

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

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Scientific High School Diploma
Liceo Scientifico Cavazzi-Sorbelli

📅 2016 – 2021   📍 Pavullo nel Frignano, MO

- **Grade:** 96/100

COMPUTER SKILLS

- **Office Suite:** Word, Excel, Access, Power-Point
- **Operating Systems:** Windows, Linux (Ubuntu)
- **Application Frameworks:** Django, Flutter
- **Programming Language:** C, Java, Python, SQL, Bash Scripting, MATLAB
- **Other Skills:** JSON, XML, HTML, CSS, La-TeX

STRENGTHS

Determination and commitment

Effective communication skills

Collaboration and teamwork

LANGUAGE SKILLS

- **Italian:** Native

- **English:** Advanced (level C1)
  April 2024 - IELTS Academic grade 7.0

PERSONAL INTERESTS

- **Sports:** From 2018 to 2022, competitive athlete for the track team La Fratellanza Modena 1874.
- **Music:** Singer and guitarist; since 2022, a member of the band Jucar.

PROFESSIONAL EXPERIENCES

Student Researcher
NECSTLab, Politecnico di Milano
📅 2025 – Ongoing   📍 Milano

- Involved in the Leonardo project within NECSTLab research group.
- Currently contributing to a project on pangenomic variant classification using Graph Machine Learning techniques.
- Research activities focus on applying advanced AI and data-driven methods to computational biology and genomics.

Project Lead
eva
📅 2025 – Ongoing   📍 Milano

- Leading 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.

Software Development Collaborator
AImage Lab, University of Modena and Reggio Emilia
📅 2024   📍 Modena

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

MoRe Modena Racing Combustion
University of Modena and Reggio Emilia
📅 2023   📍 Modena

- 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.