

Enrico Battistini

Automation Engineer

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Portfolio enricobattistini.me



ABOUT ME

I am a 24-year-old student enrolled in the international Master's degree program in Automation Engineering at the University of Bologna. My main interests include robotics, computer vision, and artificial intelligence, with a focus on autonomous systems and intelligent perception. I am seeking a position in these fields that will allow me to strengthen my technical skills through hands-on work and challenging projects. I am a curious and motivated person, interested in collaborating on innovative projects and contributing to practical solutions for real-world problems.

PROFESSIONAL EXPERIENCE

Robotics Research Intern

Eurecat, Barcelona, Spain

October 2025 - Present

Developing Visual Servoing algorithms for a robotic manipulator:

- Robotics Frameworks: Advanced proficiency in ROS2, MoveIt2, and Behavior Trees
- Computer Vision: Experience with detection, segmentation, and tracking algorithms
- Software Engineering: Familiarity with Git-flow and containerization (Docker)

Beach Lifeguard, Rescue Operator and Waiter

Summer jobs, Cesenatico, Italy

2018 - 2021

Working in the tourism sector, I learned:

- interacting constructively with colleagues and customers
- improving my practical mindset
- problem-solving skills in stressful situations

Intern at Biotoxic and Microbiology Laboratory

Centro Ricerche Marine di Cesenatico, Cesenatico, Italy

2018

I learned what it means to work in a scientific laboratory environment.

EDUCATION

Master Degree in Automation Engineering

University of Bologna

2023 - Present

The main areas of interest are Automatic Machines, Autonomous Systems, Mechatronics and Robotics, based on a background in Mechanics, Systems Theory, Real-time Software and AI.

Bachelor Degree in Automation Engineering

University of Bologna

2020 - 2023

- Thesis: Modeling and Control of an Electromagnetic Vibrating Conveyor.
- Final grade: 101/110

TECHNICAL SKILLS

C, C++, Python, Matlab, ROS2, OpenCV, TensorFlow, PLC programming, ST, CAD (CreoPTC), Linux, Git, Docker

LANGUAGES

- Italian: native
- English: fluent