ERIK MISCHIATTI

MECHATRONIC ENGINEER/ROBOTICS & ELECTRONICS

+39 3341452271
ERIK.MISCHIATTI@GMAIL.COM
LINKEDIN
PORTFOLIO

PERSONAL

VERONA, ITALY, 26/03/1998

Hi! I'm Erik Mischiatti, a Mechatronics Engineer with a passion for robotics, automation, and innovation. My experience spans across dynamic international projects and research in autonomous systems and smart technologies. When I'm not coding or experimenting with robots, you'll find me running, exploring new places with my camera, or refining my cooking skills. I thrive in challenging environments and enjoy connecting with inspiring people.

EXPERIENCES

Master Thesis Researcher | Techincal University of Wien (TUW)
April 2024 to October 2024
This project develops a robotic system for autonomous assembly tasks, leveraging kinesthetic demonstration, invariant trajectory learning, and behavior trees to handle rigid and deformable objects with flexibility and precision.

Erasmus Activity | Linnaeus University (LNU)
August 2023 to January 2024
I spent 6 months in Sweden, studying at Linnaeus University in Växjö.
I attended courses in the field of robotics, automation and mechanics.

StartUp Lab | Trento University
(1 semester)
CLab Trento is the interdepartmental laboratory of the University of Trento, managed with HIT (Hub Innovazione Trentino), where starting to create your professional future.

EDUCATION

M.Sc. MECHATRONICS ENGINEERING
ELECTRONICS and ROBOTICS
University of Trento | 2022-2024 |
Thesis: Leveraging Acquired Knowledge and Invariant Representations for Cable Manipulation

B.Sc. MECHATRONICS ENGINEERING
INFORMATION ENGINEERING L-8
University of Padova | 2018-2021
Thesis: Detection of Human Arm Muscle Activity Using EMG Sensors

SKILLS

Python	ROS	Good team player
C/C++	Gazebo	Flexibility
Matlab	Computer vision	Communication skills
Docker	(OpenCV)	Adaptability
Git	Embedded systems	Project Management
Linux	Autonomous systems	Interdisciplinary
Windows	PCB design	International
LaTeX	SolidWorks	Teamwork
Mathematica	Fusion 360	(R&D)
VSC	3d printing	Innovation Mindset

AWARDS & CERTIFICATIONS

Modular Drone – UWB communication
Institution: Trento University
IEEE Xplore: 2024 IEEE International Conference on Automation Science and Engineering
2023-2024

2024 IEEE 20th International Conference on Automation Science and Engineering
2024

LANGUAGES

Italian – native
English – B2/C1
Swedish – A1
German – A1