

Enrico Dondero

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◦ Skills ◦

C++

Python

MatLab

Creo PTC

C

ROS

ROS 2

◦ Interests ◦

Mobile robots, drones, space and
manipulator platforms

◦ Languages ◦

English

B2 Cambridge English Certification
Score: 180/190 (Grade A) C1 CEFR


French

Basic understanding

Italian

Mother language

Profiles

 [Enrico Dondero](#)

 [DndrGunnr](#)

Education

Ecole Centrale de Nantes

European Master on Advanced Robotics

Master's Degree

Sept 2024 - ongoing

EMARO double degree program

- Task-based Control
- Aerial and Maritime Drones
- Advanced Modelling of Robots
- Optimal Kinematic Design
- Autonomous Vehicles

Università degli Studi di Genova

Robotics Engineering

Master's degree

Sep 2023 - ongoing

- Mobile robots
- Robot Dynamics and Control
- Embedded Systems
- Machine Learning
- Control of Linear Multi-variable Systems
- Systems Identification
- CAD modelling of mechanical systems

Università degli Studi di Genova

Computer Engineering

105/110

Bachelor's degree

Sep 2020 - Jul 2023

- Control Theory
- Embedded Electronics
- Object Oriented programming
- Computer Networks

◦ **Volunteering** ◦

**Corpo Nazionale Soccorso Alpino e
Speleologico**

Socio ordinario

Rapallo, Ge

January 2023 – ongoing

Italian Alpine Rescue Corps member

Experience

● **Inria Center at Université Côte d'Azur**

Intern

Sophia Antipolis

March 2025– Present

Intern in the Acentauri team at Centre Inria Côte d'Azur. Development of MPC-based control algorithms for real-time robotics applications as part of my master thesis

● **University of Genoa**

Internship trainee

Genoa

Jul 9th 2024 – Jul 27th 2024

Internship at MacLab robotics laboratory. The project was about the sensorization of a robotic manipulator to enable seamless human-robot collaboration. My job was mounting and wiring the sensors to MCUs for data collection and fusion

Projects

● **Bachelor's Thesis**

Application of IoT device, based on microcontrollers and MEMS sensors in tele-medicine

Mar 2023 – Jun 2023

Development of a wearable device that uses a compact microcontroller coupled with IMU sensor to detect sudden and hazardous movement of the user for remote patient monitoring

● **DOPE Aerospace**

Student's research group on autonomous aerial systems

Mar 2024 – Sep 2024

Team Leader of the data and payload engineering team, working on image acquisition for infrastructure monitoring. Coordinated work for the development of image acquisition scripts on Raspberry Pi board

🔗 <https://dopeaerospace.com>