



## CONTACT

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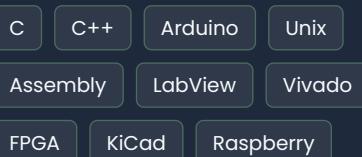
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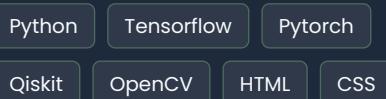
Paris, France

## SKILLS

### Embedded Systems



### Software



### Tools



## LANGUAGES

French Native

Italian Bilingual

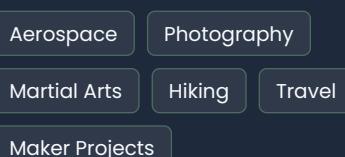
English Fluent B2

## CERTIFICATIONS

Driver's License

TOEIC 855

## HOBBIES & INTERESTS



# LORENZO MARROCCHI

## EMBEDDED SYSTEMS ENGINEER

### PROFILE

23-year-old Embedded Systems Engineer, I am passionate about technology, particularly electronics and robotics. I aim to contribute to the development of innovative solutions and participate in concrete technical projects.

### WORK EXPERIENCE

#### AIRBUS DEFENCE & SPACE

March 2025 – Sep 2025

##### *System Development Engineer*

6-month internship focused on designing human-machine interfaces for space optical alignment on GSE equipment. Hexapod control, interferometric measurement processing, and reverse engineering of motorized stages.

#### PARROT

May 2024 – August 2024

##### *Quality and Validation Engineer*

4-month internship dedicated to functional validation including test plan creation, field trials, and non-regression testing. Defect tracking on TestRail and contribution to continuous improvement reviews.

### PROJECTS

#### Underwater Drone

Design of a low-cost underwater drone for experimentation and monitoring.

#### Hugging Face Hackathon 2025

Development of a gesture interface for robotic arms. Aiming to make control natural and adaptable.

#### Real-Time Sign Language Translation

Real time sign language recognition system using machine learning (Python, OpenCV, PyTorch).

#### Robotics Competition

ECECUP competition. Design of an autonomous robot meeting strict requirements. Programmed with Arduino and OpenCV.

#### My Portfolio

My personal website: lorenzomarrocchi.com. Portfolio dedicated to showcasing my projects. HTML, CSS, JS.

### EDUCATION

#### ENGINEERING SCHOOL – ECE PARIS.LYON

2020 – 2025

Embedded Systems Major – Quantum Computing Option

#### INTERNATIONAL SEMESTER – UNIVERSITY OF MALAYA

2023 – 5 months

Kuala Lumpur, Malaysia

#### SCIENTIFIC HIGH SCHOOL DIPLOMA

2020

*Lycée Jean-Jacques Rousseau*

French-Italian double diploma – Physics-Chemistry Option  
Talens Certificate – ENS mentoring program