



# Lorenzo MARROCCHI

**M2 ENGINEERING SCHOOL EMBEDDED SYSTEMS MAJOR**  
LOOKING FOR A 6-MONTH TECHNICAL INTERNSHIP STARTING  
FROM FEBRUARY 2025

## Profile

Passionate about electronics and computer science applied to aerospace and robotics, I'd like to apply them to these sectors during my internship and contribute to innovative projects.

## Contact

### E-mail

lorenzo.marrocchi@edu.ece.fr

### City

Paris, 75015

### LinkedIn

<https://www.linkedin.com/in/lorenzo-marrocchi/>

### Portfolio

<https://lorenzomarrocchi.com/>

## Skills

### Embedded Systems

Arduino, Unix, Assembly,  
Vivado, FPGA, KiCad, Raspberry

### Software

Python, C, C++, Tensorflow,  
Pytorch, Qiskit, html, css

### Tools

Suite adobe (Premiere, AE, AI),  
Anaconda, VsCode, GitHub,  
Cura, Jira, Trello, Notion

## Certifications

- Driver's license
- TOEIC 855

## Languages

- Italian – Bilingual
- English – B2

## Hobbies and Interests

Aerospace (member of ECE Espace), Photography (member of JBTV), Martial arts, travel and hiking.

## Education

### ENGINEERING SCHOOL - ECE Paris.Lyon

Embedded Systems Major - Quantum Computing specialization  
2020 - 2025

### INTERNATIONAL SEMESTER - University of Malaya

Kuala Lumpur, Malaysia  
2023 - 5 months

### Scientific high school diploma - Lycée Jean-Jacques Rousseau

French - Italian double diploma  
Specialization in Physics-Chemistry  
Talens Certificate - ENS mentoring program

## Projects

### Underwater drone

- Prototype of a submersible vehicle for underwater experimentation and surveillance. Development planned for 2024-2025

### Real Time Sign Language Translation

- Deep Learning project for a Sign Language interpreter, translating a video signal into corresponding letters. Using Python, Open CV and Tensorflow.

### Robotics Competition

- Competition (ECECUP) in which different groups of students confront each other. The robot must meet the requirements and carry out different tasks in order to win points. Programmed with Arduino and OpenCV.

### MY PORTFOLIO

- More on my website : [lorenzomarrocchi.com](https://lorenzomarrocchi.com) . Html, CSS and Javascript

### Battleship

- Simplified version of the battleship board game. Made in C.

## Work Experience

### PARROT

Quality and Validation Engineer

4-month internship : May 2024 - August 2024

- Developing test plans, designing cases, non-regression tests, field tests, reporting in TestRail, detecting anomalies and participating in reviews for continuous improvement.

### ECE Paris.Lyon

Maker & Lab teaching assistant

Fixed-term contract : September 2023 - January 2025

- Assisting the professor by helping students with practical work in computer science and electronics.
- Maker at the FabLab, involved in standby sessions and training on various machines.