



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
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City
Paris, 75015

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

Portfolio
<https://lorenzomarrocchi.com/>

Skills

Embedded Systems

Arduino, Unix, Assembly,
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

Specialization in Embedded Systems

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

2017 - 2020

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 . 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.