



Final year engineering internship

Available for a 6-month internship worldwide starting in March 2026

Yacine Moustir



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France



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Skills

Technical skills

- Office Suite
- 3D Experience, Solidworks
- Python, Matlab, HTML

Soft skills

- Curiosity
- Autonomy
- Taking action
- Team work

Languages

- French : native
- English : Fluent (C1)
- Spanish : Basic (A2)

Hobbies & Interests

- Strength training
 - Daily consistency
- Economics & finance
 - Building knowledge
 - Risk management
 - Long-term vision
 - Decision making

Experiences

Industry 4.0 - Engineer assistant

Aubert & Duval | 06/2025 - 09/2025

Intern - machine vision & industrial automation projects
Issoire, France

- Designed a defect detection system for foundry castings using Cognex In-Sight Vision Suite. **Tested and validated on-site.**
- Conducted a feasibility study on 1000°C part detection for traceability. **Project validated and specifications defined.**

Army Reservist - French Land Forces | 02/2024 - today

92th Infantry Regiment, Clermont-Ferrand, France

- Completed military training - strengthened discipline and cohesion.
- Participated in security missions for sensitive sites.
- Served a total of **58 days** in active duty.

Education

Master's Degree in Engineering - Sigma Clermont | 2023 - 2026

Clermont-Ferrand, France

- Major : Machines, Robotics and Automated Systems.
- Focus : Manufacturing Processes and Industrial Implementation.
- **676 hours** of laboratory & project-based training.

Lycée Louis Thuillier | 2021 - 2023

Highly selective two-year intensive program for entrance exams
Amiens, France

- Tracks : PCSI - PSI (Physics, Chemistry and Engineering Sciences)

Projects

Third-year Engineering Project | 2025 - 2026

Sigma Clermont, Clermont-Ferrand, France

- Designed a home trainer for wheelchair athletes. Defined user requirements through interviews and developed a mechatronic design adaptable to both rugby and athletics wheelchairs.

Sigma Racing | 2023 - 2025

Student Motorsport Association

Sigma Clermont, Clermont-Ferrand, France

- Designed a **lighter a more compact** pedal box using **CAD tools**.

First-year Engineering Project | 2023 - 2024

Sigma Clermont, Clermont-Ferrand, France

- Led an **8-member team** in the design of a robot, securing **2nd place** in the school-wide competition.