



MARTIN LÉO

Seeking an International
Internship
June – September 2027

TECHNICAL SKILLS

- **Programming Languages**
C, C++, C#, JavaScript, Python, PHP
- **AI / Data**
PyTorch, TensorRT, OpenCV, Computer vision (object detection and tracking)
- **Web & Frameworks**
React, Next.js, Node.js/Express, .NET
- **Databases**
PostgreSQL, MongoDB, SQL
- **DevOps / Tools**
Docker, Linux, Git/GitHub/GitLab, CVAT

SOFT SKILLS

- Autonomous in an R&D environment
- Critical thinking
- Adaptable and collaborative
- Attention to detail and rigour

LANGUAGES

-  French (native)
-  English (B2)
-  Spanish (B1)

INTERESTS

Sport (football, weight training, basketball)
Travel (USA, Martinique, Italy, Spain)
Reading
Music (piano)

+33 6 26 60 54 11

leo.martin1@viacesi.fr

www.linkedin.com/in/léo-martin-1a939b338

<https://leo-martin.dev/en>

Driving licence B

Portfolio



Professional Objective:

Computer science engineering student at CESI Rouen, currently an AI & data apprentice engineer at Thales. Seeking a 4-month **international internship** in **artificial intelligence, computer vision** or **data**.

EDUCATION

- CESI Rouen | Engineering Degree, Computer Science (apprenticeship) (2025 – 2028)
Project-based curriculum: information systems & security, software engineering, operations research, distributed applications
- CESI Rouen | Integrated Preparatory Cycle | (2023 – 2025)
Embedded systems, object-oriented programming, networks, databases, web development
- Lycée Guillaume Le Conquérant, Lillebonne | French Baccalauréat, Science track (2021)
Majors: Mathematics, Life Sciences (with honours)

PROFESSIONAL EXPERIENCE

Apprentice Engineer – AI Development & Data Analysis | (10/2025 – 09/2028)

Thales LAS ACR, Ymare, France

AI-driven video turret proof of concept:

- Detected and tracked maritime targets in real time, with closed-loop PTZ camera control to keep the target in frame
- Trained and benchmarked two recent detectors (RF-DETR, RT-DETR) on an in-house annotated maritime dataset
- Optimised inference for real-time operation and deployed on an air-gapped server
- Built an active learning loop: live operator corrections feed model retraining



Data Analyst Intern | (April – July 2025)

Thales LAS ACR, Ymare, France

- Managed and restructured the surveillance radar database
- Maintained Excel tracking tools and developed data validation tooling
- Streamlined the collection and integration of data from multiple sources



ACADEMIC PROJECTS

Distributed Applications:

- lightweight social network built as Docker microservices (Node/Express, React/Next.js, JWT, MongoDB/PostgreSQL). github.com/DAD-groupe-6/Breezy

Software Engineering – EasySave:

- backup software in C#/.NET delivered over 3 releases (console → MVVM, parallel transfers with multi-threading, encryption). github.com/lmrt0572/EasySave

Operations Research:

- constrained TSP-type routing problem: complexity analysis and metaheuristics in Python. github.com/clementmns/tsp-resolver

Embedded Systems – Weather Station Prototype (2024):

- microcontroller programming, sensor management, user documentation