Marco La

MASTER'S STUDENT AT **CENTRALESUPÉLEC**

Passionate about digital transformation and technological innovation, I aspire to join a consulting firm in **May 2025** for my **end-of-study internship**, to support companies in their digital projects and their transition to modern infrastructures.

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EDUCATION

CentraleSupélec - Université Paris-Saclay   Sep 2024 - Present
Information Systems Architecture - Dual Degree
- Application Architectures, Hardware Architectures, Web Architecture, Big Data, Machine Learning, Concurrent and Distributed Systems, Operating Systems, Infrastructures, IT Economics and Management, Digital Transformation

ECE Paris - Ecole Centrale d'Electronique   Sep 2020 - Sep 2025
Information Systems - International Section
- Network Security, Advanced Databases, Operating Systems, Web Technology, DevOps, Mathematics for Data Science, Machine Learning.
- Minor: Business Negotiation, Defense and Security.

KNU - Kyungpook National University   Aou 2022 - Jan 2023
Electronic Engineering
- Algorithm, Automatic control systems, Computer architecture, Data structure.
- Further development of my Korean language skills.

EXPERIENCE

Central Test - Paris   Avr 2024 - Aou 2024
Internship - DPO Project Manager & Cybersecurity
- Contribution to the management of personal data compliance according to GDPR and optimization of data security practices.
- Coordination of alignment with ISO 27001 standards through a risk analysis based on the EBIOS RM method.
- Cybersecurity awareness training for teams.

Héraclès Conseil - Paris :   Jan 2023 - Fev 2023
Internship - Multimedia Designer
- Creation of innovative visuals for various multimedia supports while respecting the client's visual identity.
- Outreach to small businesses to develop marketing solutions tailored to their needs.

On The Bab Paris   Jan 2021 - Jan 2024
Supervisor - Multi-skilled Server
- Team supervision and coordination of operations to ensure smooth and efficient service.

ECE Ambassador   Sep 2020 - Sep 2022

PROJECTS

Final Year Project   Oct 2024 - Present
Unified Resource Sphere (Urs.ai) – Revolutionizing Knowledge Management
- Design and implementation of the global architecture of Urs V0, integrating modern solutions for input validation, indexing (RAG), generation (LLM), and data storage, all structured across functional, application, and technical layers.
- Benchmarking and selection of appropriate technologies, incorporating AI and blockchain, to meet the needs for scalability, robustness, and data security.

DevOps Project   Sep 2023 - Jan 2024
With Docker, Kubernetes, Jenkins/Azure, Github, Ansible.
- Implemented deployment and continuous integration (CI/CD) automation using GitHub Actions.
- Utilized Docker for containerization and Kubernetes for orchestration.
- Managed cloud environments with Azure and employed Infrastructure as Code (IaC) practices using Ansible.

Web Application Blog and Machine Learning Classification Problem   Jan 2024 - Mar 2024
With React, Node.js, Supabase, Python, scikit-learn
- Developed a web application using React and Node.js for server request handling, and Supabase for data management and user authentication.
- Implemented a Random Forest algorithm with Python and scikit-learn to solve a classification problem.

Multidisciplinary Student Project   Sep 2023 - Avr 2024
- Designed an application integrating AI and sensory sensors to correlate data with emotional states.
- Conducted user needs analysis and market opportunities research for an application focused on emotional well-being.

TECHNICAL SKILLS AND OTHERS

Languages : C, C++, C#, Html, Css, JavaScript, Python, SQL/noSQL, Bash.

Tools: Git, GitKraken, Docker, Kubernetes, Ansible, Cisco Packet Tracer.

Languages: French (native), Chinois-Teochew (native), English (B2), Chinois-Mandarin (B1)**.**

Soft Skills: Teamwork, Communication, Problem-solving, Adaptability.

Hobbies: CTF (TryHackMe, Seela), Volleyball, Traveling.