Edouard DA CRUZ

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EDUCATION

ENSIMAG - Grenoble Alpes University, Grenoble   2023 - 2026
Information System and Computer Science Speciality
Relevant Courses   Networking, Computer Architecture, Algorithms Design, CyberSecurity, OOP

Sapienza University , Roma, Italy   september 2025 - february 2026
Master in Cybersecurity exchange for 6 months.
Courses   Cloud Computing, COmputer Vision, ML security, Malware analysis, distributed systems

Preparatory Classes For Engineering Schools, Grenoble   2021 - 2023
Subjects   Mathematics,Physics, Mechanical Science, Computer Science

EXPERIENCES

Cloud Security Consultant, **Wavestone** - Paris   february 2026 - september 2026

- Partnered closely with **customers** to diagnose complex cloud security challenges and deploy cloud-native AI solutions tailored to real-world environments.

- Acted as a forward-deployed technical resource, bridging client needs and engineering execution through hands-on implementation and iteration.

- Produced **operational playbook**s and executive-level reports to document architectures, AI workflows, and security outcomes.

Software Engineer Intern, **eLichens** - Grenoble   may 2025 - august 2025

- Built and deployed a **real-time** API that filtered and analyzed gas sensor data, improving leak localization accuracy and response speed by leveraging **asynchronous** communication with Python, RabbitMQ, and MongoDB.

- Enhanced CI/CD pipelines, reducing deployment time and increasing **reliability** by automating testing with Pytest and integrating Docker + Azure workflows.

- Collaborated in **agile sprints** contributing to system design discussions and validating API performance with real-world outdoor testing.

Student Union - ENSIMAG   jan 2024 - feb 2025

- Directed the Cinema Club (**Movie Team**), leading a group of 5 students to script, film, and edit a short movie showcased to 300+ viewers at a university event.

- Oversaw planning, task delegation, and production workflow, ensuring delivery on time and to high creative standards.

PROJECTS

RAG- showcase of data poisoning on github

- Designed a flexible Retrieval-Augmented Generation (RAG) LLM to experiment with data poisoning vulnerabilities. Making it available for other to try it themselves.

- Tools: Python, PyTorch, LangChain, APIs.

SKILLS

Programming: Python, C, Java, JavaScript, Node.js, Express.js, SQL, TCP/IP
Tools: Docker, RabbitMQ, MongoDB, PyTorch, LangChain, Git, CI/CD, Agile, REST, React, Flask, GCP
Concepts: Algorithms & Data Structures, Operating Systems, Networking, Agent Design, System Design
Languages: French (Native), English (**C1** TOEFL), Spanish (Intermediate)
Soft : Flexible, Curious, Quick-Learner, Team Work, Creativity