Alejandro Riera González

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Professional Summary

Computer Engineer with a Master's degree in Cybersecurity Research and experience developing solutions with Python, AWS services, and process automation. I have worked on malware analysis, honeypot, and data processing projects. Interested in cybersecurity, cloud computing, and DevSecOps, with a proactive mindset and a willingness to learn new technologies.

Education

University of León — León, Spain
Master's Degree in Cybersecurity Research — *2024 – 2026*

University of León — León, Spain
Bachelor's Degree in Computer Engineering — *2020 – 2024*

Università degli Studi di Cagliari — Cagliari, Italy
Erasmus+ Programme — *2022 – 2023*

Experience

Cybersecurity Researcher — Oct. 2025 – May. 2026
University of León — *León, Spain*

- Developed a Python library to automate the generation of malware analysis reports from CAPE Sandbox JSON results.
- Integrated Large Language Models (LLMs) to generate explanations of analysis results and make them easier to interpret for technical and non-technical audiences.
- Researched, developed, and integrated honeypots into an automated deployment platform to observe and analyze malicious activity.
- Collaborated on applied cybersecurity research projects, developing analysis and automation tools.

Junior Systems Engineer — Aug. 2024 – Sep. 2025
IndraMind Cybersecurity — *León, Spain*

- Developed applications for Banco Santander focused on anomaly detection and transaction analysis using machine learning techniques.
- Implemented full-stack features and data processing workflows using PySpark, web technologies, and databases.
- Worked on a BBVA project using AWS services, particularly Amazon SageMaker, to create and manage jobs and datasets.
- Contributed to the development and maintenance of enterprise solutions, adapting to different technologies and functional requirements.

Intern — Oct. 2023 – Jul. 2024
IndraMind Cybersecurity — *León, Spain*

- Designed and developed an automation solution for cybersecurity alert triage and classification using Python and Apache Airflow.
- Integrated the solution with incident management tools such as Jira and Zammad to support security operations.

Technical Skills

Programming Languages: Python, Java
Cloud and Containers: AWS, Kubernetes, Docker, Terraform, IAM
Data and Automation: PySpark, Apache Airflow, MongoDB, LangChain
Cybersecurity: Zero Trust, malware analysis, honeypots, hardening
Tools: Git

Certifications and Languages

Certifications: AWS Certified Solutions Architect – Associate (2026), Cisco CyberOps Associate (2026); Oxford Test of English B2 (2022); Big Data & Spark with Python/PySpark, Udemy (2024); Ethical Hacking and Cybersecurity, Udemy (2023)
Languages: Spanish (native), English (B2 Oxford), Italian (basic)