Gabriel Moreno

Systems Engineer
Master of Technology Management (USA)
Master's in Information Security (in progress)
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Professional Summary

Systems Engineer with over 16 years of experience leading technology projects and implementing IT solutions across public and private sectors. Focused on innovation, IT service management, cybersecurity, and higher education.

Career Objective

I aim to join a global technology organization that values innovation, leadership, and continuous learning.

Education

Master of Technology Management, University of California, Santa Barbara, 2019
Bachelor in Systems Engineering, Universidad Politécnica Salesiana, 2015
Master in Information Security, Universidad Politécnica Salesiana, In progress

Work Experience

University Lecturer, Instituto Tecnológico ARGOS (2020 – Present)
Teaching courses in networking, software development, cybersecurity, and IT infrastructure.

IT Infrastructure Analyst II, ESPOL (2019 – Present)
- Managed IT projects: KOHA, IP over loudspeaker systems, RFID, video streaming services; Tier 1,2,3 support; led a team of 15 staff members.
- Led migration and implementation of a web-based library management system with accurate MARC mapping and secure integration.
- Configured and administered networking devices (switches, routers, firewalls, access points) ensuring availability, segmentation, and incident readiness.
- Implemented biometric access control and Android app for QR-based passenger validation (offline/online).
- Developed information security plans, threat analyzes, risk assessments, and control metrics.

Business Strategy Consultant, KATERRA Inc. (2019)
Analyzed IoT adoption trends in the US construction market.

IT Infrastructure Analyst II, ESPOL (2016 – 2018)
- Implemented technology projects and IT security measures.
- Designed and executed a monthly audit program for a financial cooperative, including detailed process-level audit plans and annual audit reports.

Network Support Assistant, ESPOL (2014 – 2016)
Administered network platforms, Office 365, and LAN/WLAN networks.

IT Support Assistant, ESPOL (2012 – 2014)
Maintained the IT infrastructure and provided user support.

Independent Projects

- Developed Web and Mobile Applications for SMEs.
- Designed and implemented communication and CCTV solutions.
- Certified structured cabling installations.
- Implemented secure IT solutions: network segmentation, access control, audit readiness.
- Deployed a SIEM lab using Wazuh (Windows 10 & Ubuntu Desktop in VirtualBox).
- Built an adversary emulation lab using Caldera and Docker for reconnaissance attacks (Windows 10 & Ubuntu Desktop in VirtualBox).

Awards and Publications

- Speaker: Ecuadorian literature and university libraries (ESPOL, University of Cuenca).
- Awards: Best Lecturer ITA 2022, 2023; CTF Organizer METARED 2024

Relevant Training (last 5 years)

- Bootcamp: SOC Analyst L1 by DOJO Community - LinkedIn Learning: Cybersecurity Fundamentals (multiple modules)
- AWS Educate: Introduction to Cloud, Security, and Networking
- SGS: ISO-27001 Internal Auditor
- Power BI (EOC-ESPOL)

Technologies and Tools

Cisco WLC, KOHA, DSPACE, RFID, ESET, Windows/Linux servers, Drupal, Office 365, Power BI, On-premises/Cloud, HTML5, CSS, JavaScript

Languages

Spanish (Native), English (C2 – EF SET English Certificate)

References

Eng. Miguel Chang, Cresa – Digital Transformation Lead – 0995914019
Eng. Alfonso León, Data Governance Consultant – 0993683492
Eng. Constantino Tobalina, CEO Maquinarias Henríques – 0993113006
Eng. Javier Ortiz, Academic Director UPS-G – 0988504754