

# Alan Huaraca

## Systems Engineer

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### Summary

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IT support specialist with strong foundation in Cybersecurity and Security Information. Knowledgeable in Windows and Linux environments, log analysis and vulnerability identification. Skilled in Python and Powershell scripting, SIEM tools, network traffic analysis. Strong analytical thinker and problem resolver committed to protecting systems.

Seeking a entry level System Administrator or Cybersecurity Analyst role where I can leverage my technical abilities, support security initiatives, and grow professionally within a large enterprise environment.

### Work Experience

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Electricist – Steve Meir, Ridge NY

Feb 2025 - PRESENT

- Installation, maintenance, and repair of electrical systems, install wiring, outlets, lighting fixtures, and circuit breakers.
- Perform basic troubleshooting of electrical issues and report findings.
- Read and interpret blueprints, technical diagrams, and work orders.

Manager Asistant – Jimmys Express, Gualaceo, Ecuador

Nov 2017 – Dec 2024

- Analyzed, digitized, and improved management systems and workflow.
- Provide friendly, professional customer service.
- Communicate with dispatchers, customers, and team members to coordinate deliveries.

IT Support / Software Developer – Igotel, Gualaceo, Ecuador

Jan 2013 – Nov 2019

- Deliver user support by diagnosing and troubleshooting hardware, software, and network issues to ensure reliable and efficient daily operations.
- Revised, modularized, and updated legacy code bases to modern development standards using Laravel Framework, PHP, Javascript, Html, Relational Databases and MVC principles.

## Skills & tools

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- Computer networking fundamentals: TCP/IP, switches & routers, VLANs and network segmentation, network protocols, DNS, DHCP, VPNs, Wi-Fi, access points.
- Cabling and hardware equipments setup, troubleshoot and repair.
- Windows & Linux OS power user: Navigating the OS and file system, configuring and troubleshooting.
- Operating Systems and Network installation, configuration, support, hardening and security fundamentals.
- Virtualization & Cloud understanding and setting up.
- Active Directory fundamentals and Security.
- Web development, Pentesting and audit.
- Forensic Tools FTK imager, DD.
- Experience using Nmap, Wireshark, Burp Suite, Nessus, Snort, Suricata, ELK, Vault, Zookeeper.
- Scripting with Python, Powershell, Bash.
- Basic Reverse engineering, Malware Analysis, OT/IT Security, Cloud Security.
- Encryption fundamentals.
- Strong foundation in electronics fundamentals, including power, control, and embedded systems.
- CCNA Security Academy
- Ethical Hacking methodologies
- Database Administrator.

## Certifications

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- MTCNA – MTCTCE / Mikrotik
- Web Hacking
- Ethical Hacking / Cedia

## Education

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**Master's degree in Cybersecurity and Information Security** – Castilla-La-Mancha University, Albacete Spain

Sep 2021 - Sep 2022

**Bachelor's degree in Systems Engineer** - UNAP, Ecuador

Aug 2007 - May 2013

**Technician degree in Electricity** – Gualaceo High School, Ecuador

Aug 1998 - May 2004