Miguel A. Ochoa

https://idkmigueltbh.vercel.app/job

EDUCATION

B.S. Cyber Security – Florida International University (Honors College) **Dec 2025**
Undergraduate Certificate in Cybersecurity Intelligence & Information Policy **GPA 3.56**

PROFESSIONAL EXPERIENCE

USpharmaltd – Miami Lakes, USA **Dec 2024 - Present**
Network Administrator

- Configured and administered **SonicWall NSA 4700 / 2700 firewalls,** implementing access rules, VPN tunnels, and intrusion prevention to protect enterprise networks and reduce external threat exposure by 30%
- Administered Active Directory security framework by implementing least-privilege access controls, enforcing complex password policies and auditing privileged account usage.
- Managed network gear and switches, owing to thorough knowledge of network administration principles, enhancing overall network performance by 45%.
- Strengthened endpoint security using **CrowdStrike Falcon EDR**, investigating alerts, isolating compromised devices, and mitigating active threats across 200+ endpoints.
- Established email security controls through Exchange Admin Center, including Safe Links, Safe Attachments, and anti-malware policies to mitigate phishing attacks and protect against ransomware delivery via email vectors.

USpharmaltd – Miami Lakes, USA **Feb 2023 – Dec 2024**
IT Technician

- Administered and maintained Active Directory, setting and enforcing group policies via PowerShell to manage user access, automate account provisioning, and strengthen security controls across the enterprise.
- Created and scheduled full system backups for Windows Server 2012 R2 using wbadmin, including planning backup targets, verifying integrity, and managing recovery points to ensure business continuity.
- Repaired and maintained end-user hardware, including Lenovo and HP laptop series, diagnosing OS and hardware faults, replacing components, and ensuring system reliability.
- Queried and managed data within SQL Server 2008 R2, writing SQL statements to create, locate, update, and delete records, supporting internal reporting and operational database maintenance.
- Managed lifecycle maintenance of 20+ enterprise servers, conducting weekly security assessments, applying critical patches, performing backup validations

CERTIFICATIONS

- **CompTIA Security+** Certification
- **Palo Alto Academy** Certification
- **CCISP** (Certified Information Systems Security Professional) *(In progress)*

KEY ACHIVEMENTS

Palo Alto Security Strategy – Academic Research Using Palo Alto Frameworks **Jan 13, 2025**

- Collaborated on leveraging Palo Alto's proprietary technologies (XSOAR, Prisma, etc.) to design defensive strategies for the energy sector, presenting solutions to strengthen resilience against evolving cyber threats.
- Analyzed root causes of vulnerabilities, identifying key factors such as workforce competency gaps, legacy systems, and budgetary constraints, and proposed actionable remediation strategies.

Hackathon 2024–2025 Winner – Wolfram & Decentralized Asset Management Platform **Sep 29, 2025**

- Built intelligent gaming and blockchain solutions using React, Wolfram integration, and Ethereum smart contracts.
- Developed Monte Carlo–based simulations for dynamic win prediction and utilized SpeedRunEthereum and Scaffoldeth to enhance DeFi accessibility and digital asset ownership

TECHNICAL SKILLS

- **SIEM Tools**: CrowdStrike Falcon (EDR)
- **Systems & Identity Management**: Active Directory (IAM), vSphere, Data Privacy Controls
- **Programming & Automation**: Python, Bash, SQL, Java, HTML/CSS, JavaScript, React.