

Miguel A. Ochoa

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EDUCATION

B.S. Cyber Security – Florida International University (Honors College) <i>Undergraduate Certificate in Cybersecurity Intelligence & Information Policy</i>	Dec 2025 GPA 3.56
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PROFESSIONAL EXPERIENCE

USpharmaltd – Miami Lakes, USA	Dec 2024 - Present
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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
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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 ACHIEVEMENTS

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