

# Elsy Andrade

Falls Church, VA, 22042 | (703)675-4373 | [Elsy.M.Andrade@gmail.com](mailto:Elsy.M.Andrade@gmail.com)

## PROFESSIONAL SUMMARY

Cloud and cybersecurity student with hands-on experience supporting secure systems, networks, and cloud-based environments. Knowledgeable in Linux administration, networking, and security best practices, with a strong foundation in protecting data and infrastructure. Adaptable team contributor with strong analytical and communication skills.

## TECHNICAL SKILLS & QUALIFICATIONS:

- Security & Networking: TCP/IP, DNS, DHCP, VLANs, OSPF, basic firewall concepts, network segmentation
- Cloud Platforms: Microsoft Azure (core services, identity basics, security concepts), AWS fundamentals
- Operating Systems: Linux (Ubuntu, AlmaLinux, Parrot), Windows 10/11
- Security Tools & Concepts: Nmap, Wireshark, vulnerability scanning concepts, incident response lifecycle (NIST-aligned)
- Scripting & Data: Python (basic scripting), SQL fundamentals
- Productivity & Documentation: Microsoft Word, Excel, PowerPoint, Visio
- Collaboration & Project Tools: Microsoft Teams, Slack, Trello

## EDUCATION:

**ECPI University – Northern Virginia**

May, 2026

B.S. in Computer & Information Science

*Major: Cyber and Information Security*

*Track: Cloud Computing*

*Key Coursework:*

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| <ul style="list-style-type: none"><li>• Applied Project Management</li><li>• Cloud Solutions</li><li>• Networking</li><li>• Linux Administration</li><li>• Service Desk Fundamentals</li></ul> | <ul style="list-style-type: none"><li>• Scripting</li><li>• Routing and Switching</li><li>• Ethical Hacking</li><li>• Advanced Defense and Countermeasures</li><li>• Storage Area Networks and Disaster Recovery</li></ul> |
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## PROJECT EXPERIENCE HIGHLIGHT:

**Cybersecurity & Cloud Labs – ECPI University**

January 2024 – May 2026

- Conducted vulnerability scanning, network enumeration, and traffic analysis in simulated enterprise environments using industry-standard tools.
- Configured and secured Linux systems, including user permissions, services, logging, and basic hardening practices.
- Analyzed network traffic and security events to identify threats, misconfigurations, and potential attack vectors.
- Implemented foundational cloud services and security concepts in Microsoft Azure, including identity, access, and resource management basics.
- Applied incident response principles aligned with NIST guidelines to document findings, assess risk, and recommend mitigation strategies.
- Completed ethical hacking and defense-focused labs demonstrating both offensive techniques and corresponding countermeasures.

## ADDITIONAL ACADEMIC EXPERIENCE:

**Linux & Systems Administration Labs**

- Managed Linux environments through command-line operations, package management, process monitoring and system troubleshooting.

- Practiced log review and basic system auditing to identify operational and security issues.

#### **Networking & Infrastructure Labs**

- Configured routing and switching concepts in virtualized lab environments.
- Implemented VLANs and IP addressing schemes to support segmented network design.
- Troubleshoot connectivity and performance issues using structured diagnostic approaches.

#### **Cloud & Service Desk Fundamentals**

- Applied service desk workflows, ticket documentation, and escalation concepts aligned with IT support best practices.
- Practiced technical documentation and user-focused communication for troubleshooting scenarios.

#### **PROFESSIONAL STRENGTHS:**

- Strong written and verbal communication
- Methodical problem-solving approach
- Ability to document technical findings clearly
- Comfortable learning new tools and environments
- Reliable, organized, and detail-oriented