



# Logan Lin

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## SUMMARY

Enthusiastic Network Administrator with over two years of hands-on experience in network management. Proficient in Cisco routing and switching, demonstrating effective skills in troubleshooting connectivity issues and configuring wireless access points. Managed installation and configuration for switches, showcasing reliability in managing both the hardware and software aspects of network systems. Developed detailed documentation for network configurations that streamlined workflow and enhanced team collaboration. Eager to utilize and grow in networking technologies while contributing positively to organizational growth and success.

## EXPERIENCE

**Network Configuration Developer** January 2025 – June 2026  
University Project Jackson, MS

- Focused on designing a simulated network architecture using Cisco protocols and enhancing overall performance through diligent debugging and collaboration. Offered strong support in transitioning network configurations and addressing complex structural issues within the lab environment.
- Developed and deployed a sophisticated network design leveraging Cisco tools and methodologies.
  - Conducted comprehensive troubleshooting sessions that elevated the network's operational resilience.
  - Configured multiple wireless access points effectively to improve transition data rates between controllers.
  - Authored thorough documentation for configuration and troubleshooting processes, facilitating team transfers.
  - Presented results and technical solutions, earning faculty praise for clarity and methodical approaches.
  - Cultivated skills utilizing Cisco DNA and ICE enhancing security and monitoring mechanisms.

**Network Troubleshooting Intern** June 2024 – December 2024  
Bootcamp Project Remote

- Engaged in intensive bootcamp training on network principles, collaborating closely with peers to cultivate practical skills targeting real-world problems in network configuration and troubleshooting techniques.
- Executed hands-on troubleshooting tactics across various network failures including cabling flaws and DNS issues.
  - Participated actively in simulation scenarios refining collective problem-solving abilities focused on network health.
  - Reviewed peer methodologies constructively, fostering a knowledge-sharing atmosphere and improved practice.
  - Gained proficiency using network monitoring tools, laying groundwork for advanced network initiative readiness.
  - Dived into foundational BGP and VLAN implementation basics, paving the way towards advanced certifications.
  - Utilized classroom learning to build applicable skills toward future chances in technical roles.

**Networking Solutions Analyst** January 2024 – May 2024  
Academic Research Jackson, MS

- Explored fundamental configurations' influence on network efficiency through structured research output that directly contributed to improved methodologies for network optimization.
- Performed data analysis to understand how changes in settings affected network responsiveness positively.
  - Contributed to active experiments with varied devices ensuring robust testing procedures were leveraged.
  - Drafted reports outlining research findings alongside practice-changing recommendations for future implementations.
  - Collaborated epistolarily with team members on optimizing reporting details for better stakeholder engagement.
  - Adapted research techniques based on feedback gaining increased accuracy in presented assessments.
  - Demonstrated ability to synthesize findings into actionable insights that benefited ongoing projects and initiatives.

## LEADERSHIP & AWARDS

- Dean's List, University of Mississippi, 2024
- Best Presentation Award, Networking Bootcamp, 2024

## EDUCATION

**Bachelor of Science in Computer Science** 2026  
University of Mississippi GPA: 3.8 Jackson, MS

*Coursework: Programming, Networking, Security, Systems Analysis*

CERTIFICATIONS

- Cisco Certified Network Associate (CCNA) 📅 2026
- CompTIA Network+ 📅 2025

TECHNICAL SKILLS

- **Routing Protocols:** BGP, OSPF, RIP
- **Network Security Tools:** Cisco DNA, Cisco ICE, Firewalls
- **Wireless Technologies:** Wireless Access Points, Controllers, VLANs
- **Troubleshooting Methodologies:** Network Monitoring, Signal Testing, Packet Inspection
- **Network Monitoring Tools:** NetFlow Analyzer, Wireshark, SolarWinds
- **Configuration Management Tools:** RANCID, Ansible, Puppet
- **Cloud Networking:** AWS, Azure, Google Cloud Platform
- **Virtualization Technologies:** VMware, Hyper-V, VirtualBox
- **Operating Systems:** Windows, Linux, MacOS
- **Scripting Languages:** Python, Bash, PowerShell

SKILLS

- |                                       |                        |                                 |                    |
|---------------------------------------|------------------------|---------------------------------|--------------------|
| • Cisco Routing and Switching         | • VLAN Management      | • Analyzing Performance Metrics | • Simulation Tools |
| • Network Troubleshooting             | • Collaboration        | • Research Skills               | • Peer Feedback    |
| • Wireless Access Point Configuration | • Documentation        | • Data Interpretation           | • Device Testing   |
| • Basic BGP Knowledge                 | • Network Optimization | • Technical Presentations       |                    |

PROFESSIONAL AFFILIATIONS

- Member, Computer Science Club, University of Mississippi
- Volunteer, Local Coding Competition, 2025

LANGUAGES

- English (Native)
- Spanish (Intermediate)

ADDITIONAL INFORMATION

**Work Status** : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST