

## Roman Todd

CCNA-Certified | Top-Ranked Cybersecurity Competitor | Networking Specialist

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### Summary

Emerging Network & IT systems specialist with a track record of building and documenting full lab environments focused on routing, switching, and infrastructure protocols (OSPF, VLANs, ACLs, NAT, DHCP, DNS, SSH, VPN). Top 100 U.S. cybersecurity competitor and state champion. CCNA-Certified and actively expanding system administration skills through the RHCSA certification.

### TECHNICAL SKILLS

- **Networking:** IPv4/6, VLSM, NAT/PAT, DHCP, DNS, SNMP, Syslog
- **Routing & Switching:** OSPF, EIGRP, VLANs, STP, ACLs, VTP
- **Wireless/Cabling:** 802.11x, Cat5e/Cat6, 568A/B termination
- **Tools:** Cisco IOS, Linux OS/CLI, Bash, Git, Cisco Packet Tracer

### TECHNICAL EXPERIENCE

#### Network Labs & Projects – [rjtodd.org](https://rjtodd.org)

*Home-Networking, School-Networking Labs* — Present

- Built and documented multi-VLAN networks on Cisco routers and switches, configuring trunking, inter-VLAN routing, STP, and dynamic routing protocols.
- Deployed **Raspberry Pi servers** to host core TCP/UDP services including DNS, DHCP, OpenVPN/WireGuard, SFTP, and SNMP. Integrated with enterprise-style network segmentation.
- Automated remote administration over VPN-secured SSH using Bash scripts for configuration deployment, system updates, log collection, and service monitoring.
- Authored a subnetting guide (CIDR, VLSM, address planning) at [rjtodd.org](https://rjtodd.org) featuring 10+ worked examples and detailed, step-by-step walkthroughs.

#### CyberPatriot XVII – 1st Place State Award

*American Air Force Association (AFA)* — October 2024 - January 2025

- **Ranked #1** Cisco Networking Competitor in Oklahoma | Top 100 in the U.S.
- Performed real-time network troubleshooting during national competition rounds, diagnosing ACL conflicts, routing failures, NAT issues, and service outages across Cisco and ASA firewalls under strict time limits.

- Strengthened user and group role management by assigning least-privilege permissions, disabling default administrative accounts, and enforcing secure authentication settings.
- Analyzed and corrected broken or insecure services, such as DNS zone errors, FTP/SFTP permissions, and SSH hardening requirements.

### **Oklahoma Cup – 1st Place State Award**

*Statewide Cybersecurity Invitational — October 2024 - December 2025*

- Led technical planning for Cisco-based defensive challenges, coordinating task assignments across routing, switching, and security roles to maximize scoring efficiency.
- Contributed high-scoring solutions that directly secured the team's 1st place ranking in a statewide competitive environment.
- Rapidly corrected ACL and OSPF routing issues during timed rounds, maintaining network functionality and security.

### **EDUCATION**

Tulsa Technology Center, Tulsa, OK – *IT Networking Systems* (May 2025) - NTHS Member

Street School of Tulsa, Tulsa, OK – *High School Diploma* (Feb 2025) - Early Graduate

### **PUBLICATIONS**

*Home Lab Network with SSH Automation Scripts — [[Link](#) - September 2025]*

*A Practical Subnetting Guide — [[Link](#) - August 2025]*

### **CERTIFICATIONS**

Cisco Certified Network Associate (**CCNA**) — *Issued June 2025*

Red Hat Certified System Administrator (**RHCSA**) — *In Progress*

### **ADDITIONAL WORK EXPERIENCE**

#### **Firehouse Subs – Tulsa, OK**

*Team Member — June 2024 - October 2024*

- Provided efficient service under fast-paced, high-volume conditions, meeting strict time and quality standards.
- Resolved customer concerns promptly and professionally, maintaining satisfaction during peak hours.
- Coordinated with team members to prioritize tasks and maintain workflow efficiency during busy shifts.