

JIBREAL ID-DEEN

PROFESSIONAL SUMMARY

Applied Computer Technology student at RIT seeking a 10-week networking co-op. Hands-on with LAN/WAN, VLANs, Routing (BGP, RIP/RIPv2), DHCP/DNS, and TCP/IP. Lab experience with Windows Server 2019/2022, Active Directory, Group Policy, and Proxmox/VMware. Strong at building and troubleshooting small networks and documenting configs.

EDUCATION

AAS, Applied Computer Technology

Rochester Institute of Technology | Rochester, NY – Expected May 2026

Concentration: Networking and Cybersecurity

- Relevant coursework: Fundamentals of System Administration, Network Security, LAN/WAN Design
- Term GPA: 3.73

WORK HISTORY

Feb '23 - Aug '23

Information Technology Intern

Pennsylvania School for the Deaf | Philadelphia, PA

- Installed/configured desktops, laptops, and peripheral devices.
- Resolved hardware and software issues, including TCP/IP network troubleshooting.
- Developed foundational knowledge of Apple/macOS and mobile device management.

Jul '22 - Aug '22

ACADEMIC PROJECTS

Window Server 2022/2019 Demonstration

Fundamental of Systems Administration | Rochester, NY – September 2025

- Promoted Windows Server 2022 to a Domain Controller; configured AD DS, DNS (forwarders, zones), and DHCP (scopes, reservations).
- Joined Windows 10/11 clients to the domain; verified name resolution with nslookup/ipconfig, and login policy via Group Policy (password, firewall).
- Deployed IIS default site with host header; enabled HTTPS using a self-signed cert; reviewed Event Viewer and IIS logs to confirm success.

Private AI Lab (Local LLM with Ollama)

Fundamental of Systems Administration | Rochester, NY – January 2025

- Deployed a private, local AI assistant using Ollama; managed model downloads/updates and confirmed performance on a local server/workstation.
- Exposed the AI service securely on the network (ports, firewall rules, access limits); tested API calls and basic integrations for automation tasks.
- Documented setup steps, configuration files, and troubleshooting notes so the environment can be rebuilt fast on a new machine.
- Focused on privacy-first workflow by keeping prompts and responses local (no cloud dependency) for sensitive lab notes and internal testing.

FSA Major Project Network Lab (Domain + VLAN + Services)

Fundamental of Systems Administration | Rochester, NY – November–December 2025

- Designed and documented a full lab network (topology diagram + IP plan), including routers/switching, server subnet(s), and client subnet(s).
- Built and configured core services on Windows Server (AD DS + DNS + DHCP); validated forward and reverse DNS, and tested client joins and logins.
- Implemented VLAN segmentation and trucking (ex: management vs users); verified routing/NAT and end-to-end connectivity using ping/tracert/nslookup.
- Hardened and troubleshot the environment using Event Viewer, PowerShell, and service logs to confirm stable operation and fix issues quickly.

CLUB

- **RITSEC** (Security Through Community) — Active member attending weekly labs on networking + security (VLANs, DHCP/DNS, routing, firewall rules).
 - Practice blue/red-team skills in CTFs, use Wireshark, Nmap, Kali, and write short reports on findings. Help teammates troubleshoot configs and document steps.

SKILLS

- Systems: Windows 10/11, Windows Server 2019/2022, Active Directory, Group Policy, macOS, Linux (Kali, Ubuntu, Arch)
- Virtualization: VMware, Proxmox, Hyper-V