

# Solomon Neas

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## PROFESSIONAL SUMMARY

Network and systems engineer specializing in infrastructure architecture and security operations. Lead administrator for Polk State College's NSET department: designed and deployed open-source SOC, NOC, and virtualization platforms delivering \$165K+ in annual cost avoidance. Built 9 MCP servers bridging AI agents to production security tools (Wazuh, TheHive, MISP, Zeek, Suricata). Pursuing M.S. in Cybersecurity Intelligence at USF.

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## EXPERIENCE

### Laboratory Assistant, Network Systems Engineering Technology | Polk State College | Dec 2023 - Present

- Architected Proxmox cluster migration from VMware ESXi: ~\$68K annual cost avoidance (196 cores x \$350/core). Led Hyper-V migration including AD DC leapfrogging and replacing legacy file servers with Samba-based Linux alternatives.
- Deployed open-source SOC stack (Wazuh, TheHive, Cortex, MISP, Zeek/Suricata): ~\$140K-\$217K 3-year cost avoidance vs. outsourced MSSP; functions as production cyber range with documented playbooks.
- Built Watchtower NOC Dashboard and LAIM asset inventory: real-time network topology visualization replacing ~\$29K/year SolarWinds licensing.
- Built 9 MCP servers connecting AI agents to Wazuh, TheHive, MISP, MITRE ATT&CK, Zeek, Suricata, Cortex, Sophos, and Rapid7 for automated threat analysis and incident response workflows.
- Manage Cisco enterprise switches, Palo Alto firewalls, and ~200 devices across 4 classrooms.

### User Support Specialist I | Polk State College | Aug 2021 - Dec 2023

- De facto lead technician at campus location; led projects, held elevated administrative privileges, and trained fellow technicians on procedures and troubleshooting.
- Provided Tier 1-2 support across six campuses (~600 users, ~4,000 endpoints); managed imaging, Active Directory administration, and Cisco switch port configurations.

### Owner / Web Developer | solomonneas.dev | Dec 2025 - Present

- 30+ open-source applications (React, TypeScript, Python/FastAPI, Astro) deployed via GitHub + Vercel CI/CD. Flagship projects: Watchtower (NOC dashboard), S<sup>3</sup> Stack (open-source SOC), Bro Hunter (threat hunting), and CyberBRIEF (intel aggregation).

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## EDUCATION

### M.S. Cybersecurity Intelligence & Information Security

USF | Expected Fall 2026

### B.A.S. Supervision & Management: Business IT

Polk State College | May 2025

### A.S. Network Systems Engineering Technology

Polk State College | May 2022

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## TECHNICAL SKILLS

<b>Infrastructure:</b>	Active Directory, Azure, O365, SCCM, Docker, Proxmox/VMware/Hyper-V, Netlabs+
<b>Networking &amp; Security:</b>	Cisco Enterprise Switches, Palo Alto Firewalls, Wazuh, TheHive, Cortex, MISP, Zeek, Suricata
<b>Development:</b>	Python, FastAPI, React, TypeScript, Bash, Git, CI/CD, MCP Servers, REST APIs