# 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. Independently built 9 MCP servers and a multi-model AI pipeline (solomonneas.dev) bridging AI agents to production security tools. Pursuing M.S. in Cybersecurity Intelligence at USF.

## 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 comparable to ~$29K/year SolarWinds deployment.
- 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**
- Orchestrate multi-model AI development pipeline (Claude, GPT, Gemini, Ollama) shipping 30+ open-source applications with strict security controls: sandboxed sub-agents, OAuth-only auth, allowlisted tool policies, and network-isolated containers.
- 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.
- Flagship projects: S³ Stack (open-source SOC), Watchtower (NOC dashboard), Bro Hunter (threat hunting), CyberBRIEF (intel aggregation). Deployed via GitHub + Vercel + Railway CI/CD.

## EDUCATION

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| **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 |

## TECHNICAL SKILLS

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