

Nathan Pham

Network Administrator · Information Technology and Cybersecurity Student

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SUMMARY

Marine Corps Reserve network administrator and dual-degree IT and cybersecurity student at the University of Cincinnati, graduating Spring 2028. Sole designer and builder of an enterprise CAPEX system for Safran Landing Systems in 2026. Active U.S. Secret security clearance.

EXPERIENCE

SAFRAN LANDING SYSTEMS · WALTON, KY · MAY 2026 TO AUG 2026

Capital Management Intern

- ▶ Independently designed and built an enterprise CAPEX tracking and reporting system for the Walton site, replacing fragmented SAP and Excel workflows with a centralized, auditable application, in final testing ahead of an August 2026 production go-live.
- ▶ Ran requirements discovery across finance, project management, and leadership, reconciling conflicting source files into a single authoritative data model.
- ▶ Automated SAP extraction and database refresh with Python, SAP GUI scripting, and batch files, cutting a manual reporting process to a two-action workflow.
- ▶ Deployed a split Microsoft Access architecture with a NAS-hosted backend and automated frontend distribution, structured for SQL Server or Dataverse migration, and documented the system for handoff.

UNITED STATES MARINE CORPS RESERVE · CINCINNATI, OH · OCT 2023 TO PRESENT

Network Administrator (MOS 0631)

- ▶ Configure, maintain, and troubleshoot tactical networks: Cisco routing and switching, VLANs, trunking, static routing, DHCP, DNS, NAT, ACLs, port security, and STP.
- ▶ Completed the Network Administrators Course in 2024, then tutored and assisted classroom instruction for other Marines in the course.
- ▶ Diagnosed faulty encryption device configurations issued by a higher-echelon support center, reconfigured the devices, and restored secure network connectivity in the field.
- ▶ Lead a three-Marine fire team, training Marines in network setup and field communications, and deployed multi-router field networks supporting roughly 30 users during large-scale exercises.

UNITED STATES MARINE CORPS RESERVE · CINCINNATI, OH · JUN 2021 TO OCT 2023

Military Police (MOS 5811)

ASURION · BLUE ASH, OH · JUN 2025 TO MAY 2026

In-Home Expert

► In-home device setup, data transfers, Wi-Fi configuration, and troubleshooting for nontechnical customers.

BEST BUY · FAIRFIELD, OH · AUG 2023 TO JUN 2025

Consultation Agent, Geek Squad

PROJECTS

CIVIC TECHNOLOGY

Butler Privacy Project

Founded and run a civic transparency project on license plate reader use in Butler County. Built the site on Cloudflare Pages and filed public records requests.

INFRASTRUCTURE

Home lab

A Proxmox cluster and a rebuilt enterprise storage server running parity-protected storage, self-hosted services, WireGuard, game servers, and local AI inference.

SKILLS

NETWORKING

Cisco IOS routing and switching, VLANs, trunking, subnetting, DHCP, DNS, NAT, ACLs, port security, STP, Wireshark.

SYSTEMS AND AUTOMATION

Windows Server, Linux, Active Directory, Proxmox, VMware, Azure, AWS, Python, PowerShell, VBA, SAP automation.

DATA AND SECURITY

Microsoft Access, SQL Server, database design, systems analysis, network hardening, access control, patch management.

EDUCATION

UNIVERSITY OF CINCINNATI · EXPECTED SPRING 2028

Bachelor of Science: Information Technology (Networking and Systems) and Cybersecurity

GPA 3.37 · Dean's List: Spring 2024, Summer 2024, Spring 2026

UNIVERSITY OF CINCINNATI BLUE ASH COLLEGE · 2025

Associate of Applied Business, Information Technology

UCBA Veteran Affairs Award: 2024, 2025, 2026

TRAINING AND CLEARANCE

U.S. Marine Corps Network Administrators Course (MOS 0631), 2024.

Active U.S. Secret security clearance.