

# Marc Peczka

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## EDUCATION

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### Purdue University

West Lafayette, IN

*Bachelor of Science in Cybersecurity & Network Engineering, Minor in Organizational Leadership*

*Expected May 2026*

#### Relevant Coursework:

- Network Security
- Internetwork Design and Implementation
- Advanced Internetwork Routing and Switching
- Incident Response Management
- Vulnerability Analysis and Testing
- Managing Information Technology Projects

## TECHNICAL SKILLS

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**Networking & Security:** Cisco, pfSense, PacketFence, VLANs, Firewalls, VPNs (WireGuard, OpenVPN)

**Infrastructure & DevOps:** Docker, Kubernetes, Proxmox, VMware, VirtualBox, CI/CD, Git, GitHub, GitLab

**Programming & Scripting:** Rust, Python, C/C++, Bash, PowerShell, SQL, JavaScript

**Operating Systems:** Linux, Windows, macOS

**AI / LLM Tooling:** Ollama, local model deployment, ChatGPT, Claude, Gemini, DeepSeek, Cursor

**Physical Networking:** Network Installation, Cabling, Patch Panels, Patch Cords, Switches, Routers, Fiber Optics, etc.

## CERTIFICATIONS

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CCNA – Cisco

In Progress (Expected May 2026)

CAPM – Project Management Institute

In Progress (Expected May 2026)

## EXPERIENCE

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### Ardmore Roderick

Chicago, IL

*IT Intern*

*May 2023 – Aug 2023*

- Developed PowerShell automation to provision Windows laptops from out-of-box to employee-ready, reducing setup time from hours to minutes
- Set up an automated Grafana dashboard to monitor the status of Palo Alto Networks firewalls
- Automated OS updates, software installation, and system configuration based on employee role
- Integrated user provisioning with Active Directory and Azure/Entra ID, including account creation and group-based email distribution lists
- Collaborated with the IT team to standardize onboarding processes and reduce configuration errors

## PERSONAL PROJECTS

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### Homelab

*Technologies: Docker, Kubernetes, VMWare, pfSense, PacketFence, Linux, Git*

- Designed and maintained a multi-node virtualized homelab using VMWare and Proxmox
- Deployed containerized services with Docker and Kubernetes for internal applications
- Configured pfSense firewall rules, VLANs, and network segmentation
- Implemented network access control and authentication using PacketFence

### Personal Server

*Technologies: Linux, Docker, WireGuard, OpenVPN, SSH, Git*

- Built and administered a personal server hosting services for family and friends
- Configured secure remote access using WireGuard and OpenVPN
- Set up an environment to run and develop local AI and LLM models and applications
- Hardened system access via SSH key-based authentication