John Pennie

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EDUCATION

Bachelor Cybersecurity
DePaul University   Chicago, IL

Associate Science
Wilbur Wright College   Chicago, IL

WORK EXPERIENCE

Engineer   **January 2025 – Present**
VRQ   Chicago, IL

- My team and I developed an infrastructure for a virtual reality gaming company.
- We have fully configured the infrastructure for this company utilizing Palo-Alto firewalls, Windows servers, and Ubuntu servers.
- Currently maintaining and logging the current security posture.
- One of my specific tasks was configuring routing between systems, and difference office areas.

Engineer   **January 2025 – Present**
CEDAR   Chicago, IL

- My team and I are currently developing an infrastructure for a new power grid provider.
- Ensure compliancy with federal regulations as well as industry standards.
- Ensure the security posture is stout and impossible to be breached by any unauthorized party.

PROJECTS

Homelab| Skills Used: Proxmox, Routing, System Administration   **January 2024 – Present**

- Simulate red/blue team exercises.
- Put together using second-hand equipment and opensource operating systems.

    --- **PiHole** | Skills Used: Routing & Docker

    - o Utilizing PiHole to filter network traffic.
    - o PiHole is ran in a Docker container within a Proxmox virtual machine.
    - o PiHole will filter out unsolicited ads and trackers.

Capture the Flag| Skills Used   **November 2024 – December 2024**

- 7/9 flags recovered with my partner for a course at DePaul.
- Windows hosts and Linux servers were the targets.

Passive Reconnaissance| Skills Used   **October 2024 – November 2024**

- I prepared a passive reconnaissance report on a company of my choice for a course at DePaul.

TECHNICAL SKILLS

Languages | Python, Java, C/C++
Developer Tools | Git, Docker, Visual Studio Code, Eclipse, Proxmox, Vmware, Nmap, Metasploit,OpenAI