

# John Pennie

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## EDUCATION

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### DePaul University

Bachelor of Science in Cyber Security

Major in Cyber Security; Minor in Computer Science

Relevant Coursework: Data Structures, Host Based Security; Operating Systems; Security Testing & Assessment

Chicago, IL

August 2022 - June 2025

### Wilbur Wright Community College

Associate of Science

STARR Scholarship from a CPS high school, that led to a transfer scholarship to DePaul

Chicago, IL

August 2020 - June 2022

## WORK EXPERIENCE

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### Starbucks

Shift Supervisor

Chicago, IL

July 2019 – Present

- Ensuring day-to-day operations run smoothly, and everything is set up for the next day to run smoothly.
- Count and secure funds in the excess of \$1,500 per day, while accounting and reporting the digital funds made each day in excess of \$10,000 per day..
- Ensure all closing tasks are completed entirely and correctly, to maintain company and state/city regulations.

## UNIVERSITY PROJECTS

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### Passive Reconnaissance

October 2024

- Conducted passive reconnaissance on a healthcare company as part of course work at DePaul University.
- Found 70+ publicly accessible IPs associated with the company, as well as easily finding company executive's LinkedIn & email accounts.
- Found that there were multiple data breaches resulting in \$5.5 million+ fines due to HIPAA compliance violations.

### Capture the Flag

November 2024

- Recovered 7/9 flags in a capture the flag assignment as part of my coursework at DePaul University.
- Targets were Windows hosts and Linux Servers, flags were recovered via port scanning, password cracking, and privilege escalation.

### Pseudo-Consultant Projects

January 2025 - June 2025

- As part of my final coursework at DePaul, our class was divided into consultant groups where we had two large projects (VRQ & CEDAR).
- In these projects we were tasked with designing, proposing, and implementing infrastructure for a virtual reality gaming company (VRQ) and a power distribution company (CEDAR)
- Within these projects my team and I created network diagrams, server cabinet diagrams, and floor-plan diagrams.
- Additionally we configured Windows servers, Linux Servers, & Palo Alto Firewalls with routing, security, & infrastructure to host needed services and applications, all while ensuring we are compliant with NERC CIP, MISO, NIST, and other regulatory standards.

## ACTIVITIES

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### Homelab

Lab environment to simulate blue/red team exercises

Chicago, IL

January 2024 – Present

- Assembled using second-hand micro-PCs, a 3D printed enclosure, & utilizing open source operating systems.
- Currently running PiHole that acts as a DNS server to block ads and trackers in excess of 15,000 queries.
- Also currently running simulated Windows/Linux workstations & servers including Kali, Ubuntu, & Debian.

## ADDITIONAL

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**Technical Skills:** Advanced in Cisco CML, HTML/CSS; Proficient in C/C++, Python, SQL, Gitlab, Docker, Visual Studio Code, Eclipse, Proxmox, VMware, Nmap, Metasploit, OpenAI, Virtualization, DIRB, John-the-Ripper, PwnKit, Security Trails, & Shodan

