Tristan Larson

Freshman Cybersecurity Major at Iowa State University looking for industry experience

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WORK EXPERIENCE

Lou Malnati's Pizzeria

Phones worker   Noveber 2022 to January 2024

- Took calls from customers for new orders
- Helped customers troubleshoot website/app issues

Advanced Network Devices

Summer Intern   Summer 2023 - 60 Hours Total

- Responsible for SOM reprogramming and odd jobs
- Learned about machine learning and business functions

EDUCATION

Iowa State University

B.S. in Cybersecurity Engineering - 3.5 GPA   August 2024 - May 2028

- Clubs: Hacking and Cybersecurity Club (HACC), Hackathon Club

PROJECT

Home Server   2022 -Present

- Currently running on a $10 used HP ProLiant DL380 G7
- Security related modifications:
- Using linux-hardened kernel
- Disabled unused ports in BIOS
- Security related services:
- SSH with key based authentication
- VNC bound to localhost, requiring ssh port forwarding for remote access
- Pi-hole for ad and tracker blocking
- Cockpit which is an access, log, and resource monitor Web UI, also bound to localhost
- Finally, a remote NTFY server for security event notifications

SKILLS

Java ●●●○○   JavaScript ●●●○○   C ●●●●○

Swift ●●○○○   Python ●●○○○

- Proficient in safely handling and troubleshooting internal hardware components
- Skilled at performing hardware upgrades, replacements, and repairs with attention to detail
- Competent when handling system cables and wiring for optimal airflow and equipment performance
- Adept at navigating and troubleshooting Windows, Windows Server, Linux, and Mac systems including command line interfaces
- Regularly manage systems remotely through SSH, VNC, RDP, and other methods
- Proficient in data backup, OS re-imaging, and firmware flashing
- Versed in ticket handling with Issue Trax through TestOut simulation
- Experienced in utilizing AI tools (e.g., DALL·E, GPT-3) for creative solutions