Justin Petersen

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Education

Purdue University | West Lafayette, IN   May 2023
Bachelor of Science in Computer and Information Technology
   Cybersecurity
   Network Engineering Technologies
   Minor in Spanish
Dean's List 6 Consecutive Semesters

Skills

Networking: Cisco IOS, VLANs, Routing, Wireless, DNS, OSI Model
Development: Python, C, Java, BASH scripting, SQL modeling, Database Design

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Work Experience

Purdue University - NetOps Engineering Assistant   Spring 2021 - Present
- Investigating network issues to ensure stability of campus network connectivity
- Resolving tickets from students and faculty, ensuring customer satisfaction and continued work
- Heading a project to standardize documentation regarding network structure and configuration
- Creating scripts to process network connections into a database for department use
- Contributing to a project to standardize and update laptops used by the Field Ops team

Purdue University - CNIT 240/344 TA - Data Communications & Networking   Fall 2021
- Led 15 students through networking labs, strengthening my leadership skills and technical ability
- Practiced communicating technical concepts in simplified terms, and ensuring understanding
- Demonstrated troubleshooting and research skills so that the students will be able to solve problems

Costco Wholesale - Front End Associate   Summer 2021 – Summer 2022
- Performing independent work and time management to complete my duties efficiently
- Improving my soft skills, knowing better how to handle interactions with customers
- Working as a member of a team, coordinating skills and time to complete responsibilities within deadlines

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Projects

Homelab – ZeroTier, PiHole, Video Feed, Homelab management web interface, CyberChef   2022
- Configured a central DNS blackhole accessible to my phone and laptop over any network

Purdue University – NetBox Network Inventory Project   2022
- Used Python to script automatic network information gathering and population

Purdue University – Splunk Dashboard Audit   2022
- Coordinated with full-time staff to evaluate the necessity of each displayed network metric

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Clubs and Activities

Purdue University – TracerFIRE TF10 Incident Response Competition – Placed Second   Fall 2022
Purdue University – TracerFIRE TF10 Incident Response Competition – Placed Second   Spring 2022
Purdue University – Cyber Forensics Club – Hack The Box Practice