

JAMES PEASE

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POSITIONING STATEMENT

Seeking a cybersecurity or IT support role where I can apply my hands-on homelab experience, academic cybersecurity foundation, and proactive problem-solving skills to strengthen system security and support robust IT infrastructure.

PROFESSIONAL PROFILE

Detail-oriented and technically adept Computer Science graduate, pursuing a career in cybersecurity and IT support. Demonstrates practical knowledge in system administration, network security, and infrastructure management through a self-built homelab environment. Experienced in configuring and managing servers, routers, and access points with a strong focus on security best practices. Academic projects emphasize secure coding, systems programming, and network analysis. Brings professional experience in team training, inventory management, and operational excellence from the retail sector, ensuring reliable and customer-focused support.

CORE COMPETENCIES

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|-------------------------------|--------------------------|-----------------------------------|
| • Server & Network Management | • Network Administration | • System Hardening/Monitoring |
| • Technical Documentation | • Scripting/Automation | • Infrastructure Troubleshooting |
| • Project Management | • Team Collaboration | • Virtualization/Containerization |
| • Network Security | • Secure Coding | • Problem-Solving |

EDUCATION

[BACHELOR OF SCIENCE IN COMPUTER SCIENCE & CERTIFICATE IN CYBERSECURITY, DECEMBER 2024](#)

GPA: 3.7

RUTGERS UNIVERSITY – CAMDEN, NJ

[ASSOCIATE OF SCIENCE IN COMPUTER SCIENCE, DECEMBER 2020](#)

CAMDEN COUNTY COLLEGE – BLACKWOOD, NJ

PROFESSIONAL EXPERIENCE

[WHOLEFOODS MARKET, MARLTON, NJ, JULY 2018 TO JANUARY 2024 & JULY TO SEPTEMBER 2024 \(SEASONAL RETURN\)](#)

SEAFOOD TEAM TRAINER

- Delivered structured, team-specific training programs for new and existing team members to enable successful onboarding, maintain adherence to Operational Learning Pathways, and achieve mastery of department-specific procedures.
- Coordinated closely with departmental and store leadership to schedule and track the timely completion of New Member Connections while maintaining accurate records and fostering a supportive learning environment.
- Facilitated continuous education on food safety, sanitation protocols, occupational safety, and customer service best practices to reinforce company standards.

- Guided team members on product knowledge, including differentiation, handling, placement, and sales techniques, to provide staff with the tools to maximize customer engagement and sales effectiveness.
- Oversaw department inventory management by accurately forecasting, placing orders, and maintaining stock levels, ensuring product freshness, minimizing shrink, and aligning with sales trends.
- Collaborated with leadership to implement operational improvements, optimize workflows, and enhance back-of-house efficiency, establishing a cleaner, safer, and more organized work environment.
- Acted as a resource for team members by providing constructive feedback, promoting a culture of continuous improvement, and encouraging cross-functional collaboration.
- Upheld exceptional customer service standards in addressing inquiries and resolving escalations with professionalism, empathy, and a solutions-focused mindset.
- Ensured compliance with Weights and Measures regulations, Health and Sanitation standards, and Safe Work Practices by consistently monitoring equipment maintenance and cleanliness.
- Performed opening, mid, and closing duties with precision, including accurate signage, merchandising, and adherence to Whole Foods Market's visual and operational standards.

Key Achievements:

- Leveraged attention to detail and skills in ordering, inventory control, and sharing best practices to achieve success and contributed to the team earning the 2022 Seafood All-Stars award, ranking as the top department in the region for excellence in these areas.
- Successfully balanced training, inventory oversight, and customer service responsibilities to contribute to department readiness and overall store performance.

PROJECTS

INDEPENDENT PROJECT, 2021 TO PRESENT

HOMELAB INFRASTRUCTURE

- Conceived and continuously evolve a personal homelab environment, initially leveraging Raspberry Pi and Jetson Nano devices for 3D printing monitoring and later scaling to a robust multi-server setup with advanced GPU capabilities.
- Deploy and configure enterprise-grade networking hardware, including routers, switches, and access points, to create a secure and segmented home network supporting development, security testing, and administrative tasks.
- Conduct regular system updates, patching, and hardening activities and reinforce network defences while maintaining operational resilience against emerging threats.
- Perform hands-on vulnerability assessments and implement security-focused configurations while aligning with industry best practices to mitigate potential risks within the homelab infrastructure.

RUTGERS UNIVERSITY, CAMDEN, NJ

SOFTWARE ENGINEERING, FALL 2024

- Collaborated in a team-driven project to architect and build an interactive meal planning website to empower users to customize meals and access detailed nutritional breakdowns for informed choices.
- Assumed a leadership role in quality assurance, including crafting exhaustive test cases and executing rigorous functionality and usability testing to ensure a seamless and intuitive user experience.

OPERATING SYSTEMS, SPRING 2024

- Spearheaded the design and implementation of a custom web crawler in C, capable of efficiently extracting and logging website data while respecting ethical boundaries defined by rate limits and robots.txt compliance.
- Enhanced understanding of network protocols and resource management through practical application and guaranteed that the solution balanced performance with responsible server interaction.

SECURE CODING, FALL 2023

- Engineered a password generation and strength analysis tool in Java to provide both system-generated and user-entered password evaluations with real-time feedback on complexity and estimated brute-force resistance.
- Incorporated security best practices to address common vulnerabilities and educated users on the importance of unique, robust passwords while reinforcing system-level safeguards against weak credential exploitation.

C AND SYSTEMS PROGRAMMING, SPRING 2023

- Developed a functional grade management program enabling role-specific access for teachers to input, edit, and analyze student performance while providing students with secure grade visibility.
- Designed statistical analysis features, including minimum, maximum, and mean calculations, alongside dynamic sorting capabilities to facilitate streamlined data interpretation for educators.

CERTIFICATIONS & TRAINING

- CompTIA Security+, Expected July 2025
- CompTIA A+, May 2024
- TryHackMe: Daily cybersecurity training and hands-on practice

AWARDS AND HONORS

- 2025 Athenaeum Honor Society Inductee
- Dean's List for Spring and Fall 2024

AFFILIATIONS

- Member – ISC2 New Jersey Chapter

TECHNICAL EXPERTISE

- **Languages:** Java, C, Python, R
- **Operating Systems:** Windows, Linux (Fedora, Ubuntu, Debian)
- **Tools:** Nmap, Wireshark, VMware, Docker, Visual Studio Code, GitHub, Burp Suite
- **Networking:** Routers, Switches, Access Points, Homelab Systems Administration

ADDITIONAL INFORMATION

Languages: English (native), German (basic)

Interests: 3D printing and modeling (completed a course at Rutgers; developed a self-driving hovercraft from scratch with AutoCAD Inventor Pro), designing adapters and mounts for household items, soldering, Arduino, hiking, reading, playing video games, camping, grilling, spending time outdoors.