William Collison

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Experience

Cybersecurity Intern | Queen Anne's County Government ***June 2026 - August 2026***

- Developed automated Bash scripts to audit and enforce CIS security framework across Ubuntu and RHEL systems
- Analyzed firewall logs and network traffic to identify anomalies and enforce security policies.
- Hosted and integrated local AI tools (including voice and image manipulation software) to generate customized security awareness training materials for county employees.

Information Technology Staff | Penn State Brandywine ITS ***October 2025 - Present***

- Provide direct technical support for university infrastructure, resolving complex hardware, software, and AV issues.
- Leveraged ServiceNow to triage incoming technical anomalies, manage incident response workflows, and escalate potential system events to maintain operational continuity.

IT Support Aide | Bay Tech Team ***June 2023 - Present***

- Manage endpoint security policies and device administration across a diverse client base.
- Provide direct systems administration and endpoint support, carefully documenting configuration changes and troubleshooting steps to maintain operational consistency.
- Remotely manage customer devices and user accounts through Office 365 admin portal and MDM software.

Education

B.S. Cybersecurity Analytics & Operations ***Expected December 2027***
Penn State University, 3.7 GPA

A.A. Liberal Arts & Sciences ***2025***
Chesapeake College, 3.7 GPA

Projects & Homelab

Virtualization & Security Homelab

- Architected a multi-host KVM/QEMU network integrating an Ubuntu server, Windows Active Directory, and Linux hosts.
- Deployed a virtualized pfSense router and implemented a Tailscale mesh network for secure, remote administrative access.
- Utilize Fedora Workstation as a primary daily-driver desktop, heavily utilizing terminal-first workflows.

Offline Systemd Log Auditor (NIST SP 800-53)

- Developed an offline systemd log auditing Bash script mapped to NIST SP 800-53 CM-7 guidelines.

BashCheck Diagnostic Utility

- Created and maintained a comprehensive Bash utility repository for Fedora and RHEL system health diagnostics.

Certifications

CompTIA Security+ ***April 2026***

CompTIA Network+ ***December 2025***

Red Hat Certified System Administrator (RHCSA) ***Expected January 2027***

Skills

Operating Systems

- Linux (Fedora, RHEL, Ubuntu Server), Windows Server

Scripting & Languages

- Bash, Python, SQL, Java

Security & Networking

- pfSense, Tailscale, KVM/QEMU, Active Directory, CIS Controls, NIST SP 800-53

Tools

- Git, GitHub, MySQL Workbench, Ollama (Local AI)