ETHAN HASKELL

Cybersecurity & Network Systems

scan for portfolio

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SUMMARY

Networking infrastructure student with a focus in cybersecurity at Bowie State University, with hands-on experience in enterprise network administration, workstation support, and self-hosted servers; pursuing the Cisco CCNA (target Jan. 2027) and CompTIA Network+ and Security+. Experienced resolving issues for non-technical staff and end users through IT internships with the Supreme Court of the United States and the City of Baltimore. Eagle Scout known for reliability, professionalism, and clear communication.

EDUCATION

B.S. Networking Infrastructure, Focus in Cybersecurity — Bowie State University Expected Dec. 2026

GPA: 3.2 / 4.0

Relevant Coursework: Client Operating Systems, Windows Server Administration, PC Architecture, Computer Networking, Foundations of Computer and Network Security, Internet Technology, Database Development

Certifications: Cisco Certified Network Associate (CCNA) — target Jan. 2027 | CompTIA Network+ and Security+ — in progress

SKILLS

Systems & Support: Windows, Windows Server, Linux (Ubuntu), Active Directory administration, account and access management, hardware/software troubleshooting, PC architecture, system maintenance and updates

Virtualization & Cloud: Proxmox, Docker, VMware, VirtualBox, Azure

Networking: TCP/IP, DNS, DHCP, VPN (WireGuard), switch and router configuration, firewall configuration, network monitoring (SolarWinds), wireless networking, connectivity troubleshooting

Tools & Productivity: Microsoft Excel, Power BI, Git, command-line utilities, Python, SQL, Java, IT ticketing/helpdesk systems, Cisco Jabber, Webex

Professional: Customer support & service-desk best practices, technical documentation, cross-team collaboration, issue escalation and follow-through

TECHNICAL PROJECTS

Personal Home Lab — System Administration & Troubleshooting

- Built and maintain a multi-service server environment on Proxmox, deploying and supporting Docker-containerized applications (media server, game server) — including installs, updates, backups, and diagnosing service outages.
- Run a personal DNS server to monitor incoming network traffic and block unwanted applications at the network level, backed by custom firewall rules.

Self-Hosted Web Server (github.com/cyberskell/cyberskell-web-dns-server)

- Deployed an Ubuntu Server running the Apache HTTP Server, configured with a custom domain and IP-based access control to restrict incoming connections.
- Set up Apache virtual hosts and DNS routing, then hardened the server against unauthorized access with firewall rules on top of Apache's own access controls; perform ongoing maintenance and patching.

Hybrid Identity, Cloud Infrastructure & Disaster Recovery Lab | Azure, Windows Server 2022, AD

- Designed a segmented Azure network with an IP-restricted jumpbox, private domain controller, and NAT Gateway; built an AD forest, joined VMs to the domain, and synced users to Microsoft Entra ID with Entra Connect.
- Built an AD CS Enterprise Root CA with Group Policy auto-enrollment and NPS/RADIUS with EAP-TLS, verified end to end in NPS audit logs; configured Azure File Sync with cloud tiering.
- Implemented Azure Backup and Azure Site Recovery with a cross-region test failover; resolved Azure Policy, SKU, and quota blockers with Azure CLI.

WORK EXPERIENCE

IT Operations Intern — Network Administration & Workstation Administration Groups Sept. 2026 – Jan. 2027

Supreme Court of the United States

- Supported both the Network Administration Group (NAG) and Workstation Administration Group (WAG), gaining hands-on exposure to enterprise networking environments, system monitoring, hardware deployments, and end-user technical support.
- Split time between proactive network monitoring and operational tasks within NAG — including switch and router configuration and troubleshooting using network monitoring tools — and direct, user-facing technical support within WAG.
- Tracked and resolved issues through IT ticketing systems, applying customer service best practices and following documentation standards for hardware deployments and support requests.

Full-Stack Database & Software Development Intern May 2025 – Aug. 2025

Baltimore City Fellows Internship — City of Baltimore, Office of the Comptroller

- Worked directly with non-technical staff across IT and operations teams to translate their needs into technical requirements and deliver a dashboard that departments used daily.
- Led full-stack development of an interactive dashboard that automated previously manual daily data updates, reducing repetitive reporting work and improving data quality across departmental records; documented the build for staff handoff and training.

LEADERSHIP & VOLUNTEER EXPERIENCE

- Eagle Scout — Boy Scouts of America: led and documented a multi-volunteer service project from planning through completion.
- BDPA Baltimore Metro, Charter Member (2023–Present) | BSU Collegiate Chapter, Project Coordinator (2025) | HSCC, Election Chair (2025) & Student Volunteer (2023–Present)