Aiden Bukoski

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Education

Worcester State University Fall 2024 – Spring 2028 (Expected)
Bachelor of Science in Computer Science *Worcester, MA*

- **Vice President**, Computer Science Club (2025 – Present)

Experience

Network Support Assistant June 2025 – Present
Worcester State University *Worcester, MA*

- Configure, maintain, and troubleshoot over 130 switches and 200 wireless access points across a 15-building campus network, including VLANs, access/trunk ports, and network segmentation.
- Support connectivity to 2 off-campus sites linked to the core network via site-to-site IPsec VPN tunnels.
- Support access-layer security controls, including DHCP snooping, authentication via RADIUS, and certificate-based authentication.
- Diagnose and resolve DHCP, DNS, wireless roaming, inter-VLAN connectivity, and interface issues using log analysis, packet capture, and physical-layer troubleshooting.
- Work with Microsoft Active Directory, Microsoft Configuration Manager (SCCM), and Windows Server; assist in the migration from on-prem Active Directory to Entra ID and Intune.
- Deploy and maintain on-prem LLM inference servers (TensorRT-LLM, vLLM, SGLang, Ollama) on NVIDIA Blackwell GPUs to assist with switch, router, and firewall configuration review and internal scripting, while keeping sensitive network configuration data on-site.

Help Desk / Laptop Repair January 2025 – June 2025
Worcester State University *Worcester, MA*

- Diagnosed and resolved software, operating system, and hardware issues over the phone and in person.
- Conducted laptop and desktop hardware warranty repairs for faculty/staff and students.
- Configured and deployed laptops and desktops for faculty/staff members.
- Built a department-wide knowledge base of standard procedures and common issues for Help Desk staff.

Home Lab & Personal Projects

Enterprise Networking Lab | *Cisco, Aruba/HPE, MikroTik, Netgear, Meraki*

- Designed and maintained segmented multi-VLAN networks with Layer 2 switching, Layer 3 routing, VPN connectivity, and wireless infrastructure.
- Configured managed switches, wireless controllers, and access points across multiple enterprise networking platforms.

Virtualization and Infrastructure | *Proxmox VE, Dell PowerEdge, QuantaGrid, iSCSI*

- Built and administered Proxmox VE clusters with dedicated storage and cluster networks, VLAN segmentation, shared iSCSI storage, and Corosync.
- Deployed Linux containers and virtual machines, including OVA imports, backups, storage migration, and network integration.
- Worked with enterprise server and storage platforms including Dell PowerEdge, QuantaGrid, Dell EqualLogic, and Dell Compellent systems.

Firewall and Containerized Services | *Cisco Firepower, OPNsense, Docker*

- Configured Cisco firewall deployments including high-availability configurations with stateful failover links.
- Implemented routing, firewall, and VPN services using OPNsense and deployed self-hosted applications with Docker and Docker Compose.

Technologies & Skills

Networking: Cisco, Aruba/HPE, MikroTik, Netgear, Meraki, Grandstream, VLANs, 802.1Q, DHCP, DNS, RADIUS, VPNs, Wireless LANs
Infrastructure: Dell PowerEdge, QuantaGrid, Dell EqualLogic, Dell Compellent, SANs, iSCSI, RAID, Proxmox VE, VMware vSphere
Systems: Windows Server, Active Directory, Microsoft Intune, Linux, Docker, Docker Compose, OPNsense, Entra ID
Programming & Scripting: C, Python, Java, JavaScript, Bash