

Aidan Thoma

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EDUCATION

Projected Graduation May 2027

Drake University, Des Moines, IA

- *Bachelor of Science in Computer Science with Cybersecurity, Data Analytics and IS Minor*, Current GPA 3.7

TECHNICAL SKILLS

- **Certifications:** Microsoft Office Specialist: Excel Associate
- **Networking & Infrastructure:** Aruba Central, Cisco Meraki, switching, wireless, TCP/IP, DNS< DHCP, VLANs, firewalls, Active Directory
- **Cloud & Systems:** Azure services, AWS, Proxmox, Cloudflare, Microsoft Entra ID, Linux Servers
- **Programming Languages:** Python, PowerShell, SQL, Java, C/C++, MIPS Assembly, HTML, CSS, and JavaScript
- **Version Control & Collaboration:** Git, GitHub, Bit Bucket

EXPERIENCE

June 2025 - Present

Drake University, Des Moines, IA

Infrastructure Support Specialist

- Provide technical support across both systems and networking teams, resolving tickets related to hardware, software, and network connectivity while ensuring minimal downtime for end users.
- Contribute to infrastructure projects involving Azure cloud services, CISCO network services, scripting, and network troubleshooting to enhance system performance and efficiency.

May – August 2026

Heartland Business Systems, Des Moines, IA

Network Engineer Associate

- Managed enterprise wireless and switching infrastructure for multiple consulting clients using Aruba Central, including a network supporting 30,000+ connected clients
- Configured and provisioned switches and access points, handling both physical installation and cloud-based management through Aruba Central
- Used the Aruba API to pull network data for monitoring, reporting, and troubleshooting across client environments

PERSONAL PROJECTS

June 2025 - Present

Home Lab Virtualization Server – Repurposed legacy hardware into a Proxmox-based virtualization environment; designed a custom subnet with Pi-hole, firewall rules, and multiple VMs/containers, implementing role-based access controls

CAMPUS INVOLVEMENT

December 2024 - Present

Drake Cyber Security Club, Des Moines, IA

- Represented Drake University in the ICEAGE CDC/CTF, performing system hardening, service availability monitoring, and incident response; earned 2nd place (Community College division)