

# 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:** experience with switching and wireless deployment, Aruba Central cloud management, and API-based network monitoring; strong foundation in core networking concepts, and firewall configuration; Managed identity and device security via Microsoft Entra ID and Intune
- **Cloud & Hosting:** Experience with Azure cloud services, AWS, Proxmox, and Cloudflare
- **Programming Languages:** Proficient in Python, PowerShell, SQL, and Java; variety of knowledge in C/C++, MIPS Assembly, HTML, CSS, and JavaScript
- **Version Control & Collaboration:** Familiar with Git and GitHub for source control and team collaboration

## 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

*Current Member*

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