

# Murphy Glawe

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## Education & Certifications

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### Iowa State University

*Bachelor of Science in Cybersecurity Engineering*

Expected Graduation: May 2027

Ames, IA

#### Clubs:

President – Hackathon Club – 4x Hackathon Appearances

Hacking and Cybersecurity Club (HACC) – ISU Cyber Defense Competition – 1<sup>st</sup> Place

Computer Science and Software Engineering Club (CSE)

Institute of Electrical and Electronics Engineers (IEEE)

**Certifications/Awards:** Eagle Scout | [CC \(Certified in Cyber Security\)](#) | [IBM Z Fundamentals](#)

## Experience

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### Kohler

*Information Technology Intern (Security Focused)*

May 2025 – August 2025

Kohler, WI

- Collaborated with the HR IT team to implement the Workday Human Capital Management (HCM) platform for ~30,000 employees
- Configured Workday security policies, including role-based access control (RBAC) and domain security policies
- Set up security policies for integrations between Workday and third-party systems by defining access scopes and connection rules
- Performed unit testing on Workday business processes and integrations to validate correct functionality and access control

### IBM

*IBM Z Student Ambassador*

June 2024 – January 2025

Remote

- Promote IBM Z technologies and educate peers through workshops and presentations at Iowa State
- Demonstrate leadership by organizing and leading technical events
- Enhance technical skills by engaging with IBM Z resources and tools
- Foster a community of innovation and collaboration among students

### Cretex

*Information Technology Cybersecurity Engineer Intern*

May 2024 - August 2024

Minneapolis, MN

- Implemented many extensible scripts in PowerShell to automate common IT tasks
- Developed CretexGPT, a secure internal AI assistant built with TypeScript, Next.js, Chakra UI, and Auth0, designed to replace public LLM tools like ChatGPT for safer enterprise use
- Conducted an internal audit of the company's active directory using PingCastle and Bloodhound
- Responded to security events and alerts using Arctic Wolf (MDR) and SentinelOne, contributing to threat triage and containment efforts
- Configured SAML (Security Assertion Markup Language) and SSO integrations for enterprise SaaS tools to improve identity federation and user experience
- Contributed to the implementation of MS Intune for mobile device management and configured Intune policies to manage mobile devices across the organization securely

### Iowa State Solution Center

*Information Technology Specialist*

September 2023 - Present

Ames, IA

- Provide technical assistance and customer support to faculty, staff, and students and respond to IT emergencies
- Adapt to changing technologies and IT needs
- Deliver technical support and problem resolution through ServiceNow while offering training and guidance to users
- Collaborate with IT teams to resolve complex issues
- Ensure information security measures are upheld and maintain IT documentation

## Technical Skills

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**Programming & Scripting:** Python, Java, Bash, PowerShell, JavaScript, TypeScript, HTML/CSS, C, Dart

**DevOps & Tools:** Git, ServiceNow, Ivanti, Heroku, Azure, Vercel, Firebase

**Security:** Metasploit, Wazuh, Hashcat, PingCastle, BloodHound, Wireshark, Nmap, SAML/SSO, MS Intune