

Murphy Glawe

+1 319-721-4146 | murphgo4@gmail.com | [LinkedIn](#) | [Website](#) | [Github](#) | Ames, IA

Education & Certifications

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)
- Game Development Club (GDC)
- Computer Science and Software Engineering Club (CSE)

Certifications: [CC \(Certified in Cyber Security\)](#) | [IBM Z Fundamentals](#)

Experience

IBM

June 2024 - Present

IBM Z Student Ambassador

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

May 2024 - August 2024

IT Cybersecurity Engineer Intern

Minneapolis, MN

- Implemented many extensible scripts in PowerShell to automate common IT tasks
- Conducted an internal audit of the company's domain and its related domains using PingCastle
- Identified and documented security vulnerabilities for company to act on
- Implemented SAML (Security Assertion Markup Language) and SSO configurations to enhance authentication and access control mechanisms on multiple company used applications
- Helped implement MS Intune for mobile device management and configure Intune policies to manage mobile devices across the organization securely

Iowa State Solution Center

September 2023 - Present

Information Technology Specialist

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.

Projects

Therabot | *Python, React, Heroku, Tailwind CSS, Flask*

- Created an AI mental health and well-being chatbot that provides therapy services through text and speech.
- Utilized Flask to develop the backend, handling API requests and integrating with the OpenAI GPT-3.5-turbo model, then hosted and deployed through Heroku.
- Built the frontend with React, using Tailwind CSS for responsive styling

AI Notetaker | *Flutter, Firebase, Dart*

- Developed an AI-powered application that generates note sheets from lecture videos.
- Utilized Flutter and Dart to create a responsive, cross-platform user interface.
- Integrated Firebase for authentication, database management, and push notifications.

Technical Skills

Languages: Java, Python, C, JavaScript, Dart, HTML, CSS, Bash, PowerShell

Frameworks/Libraries/DevOps: Node, React, Flutter, React Native, Flask, Git, Heroku, Vercel, Tailwind CSS

Other: Azure, Active Directory, ServiceNow, Ivanti, Linux (Kali, Ubuntu, Tails), System & Network Configuration