

Magdalene (Maggie) Sturm

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Education:

The College of Engineering at Texas A&M University – BA Computing

Junior in Computing – Minor in Cyber Security

August 2021 – May 2025

Skills:

Advanced knowledge in C++, Python, Visual Studio Code, Networking, Administration Work in Windows 10

Knowledge in AWS, TCP/IP, Git, GHCi/Haskell, Java, Unix, SQL, HTML, CSS

Pursuing CompTia Security+ and CompTia Network+

Relevant Work Experience:

Jordan Ford, San Antonio, Texas

IT Intern, Information Technology Department

SUMMER 2023

- Confirm employee workstations are installed with up-to-date security software to meet FTC standards.
- Prevent leakage of confidential client information by implementing security standards.
- Add, remove, and initiate new and old employees and ensure efficiency to complete thorough deployment steps.
- Dissect current employee issues and determine what could be solved without administrator involvement.
- Replace failing workstations with newer options to increase productivity and prevent disruption.

Utilities and Energy Services, College Station, Texas

IT Student Worker, Technology Services

2021 – CURRENT

- Timely respond to employees' issues regarding network, hardware, and account access and controls.
- Transported thousands of dollars of equipment and technological resources to different locations.
- Image, update, and deploy new equipment and computers to serve the utilities and energy employees on campus.
- Articulated why a program failed and provide instruction on different ways to prevent it from occurring again.
- Work productively with team to accomplish tasks and problems effectively.
- Install new workspaces and ensure operational reliability.

Involvement

Texas A&M Cyber Security Club, College Station Texas

Member, 2021-CURRENT

- Attend weekly meetings covering specific cyber industry topics and learning by attending CTF's.

Society of Women Engineers at Texas A&M University, College Station, Texas

Member, 2023-CURRENT

- Creating a community of women who are involved in engineering and meeting new people who promise friendships and mentorships.

Aggie Sisters In Christ, College Station, Texas

Member, 2022- CURRENT

- Contribute to weekly bible studies and invigorate meaningful conversations among a group of women. Volunteer in communities around the Bryan/College Station Area approximating 6 to 10 hours a semester.

Additional Experience

Cyber Patriots in High School – 2019-2021

- Received TestOut Security Pro Certification

Program Design and Concepts in C++ – Spring 2022

Data Structures and Algorithms in C++ – Fall 2022

Discrete Structural Computing – Fall 2022

Tech & End User Support | Fundamentals of Networking

Education – Fall 2022

Computer Organization – Spring 2023

Programming Languages – Spring 2023

Database Design – Summer 2023