

Joshua N. Mayhugh

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Texas A&M University

Junior Computer Science Major

GPA: 4.0

College Station, TX

WORK EXPERIENCE

Diamond Data Systems

Richardson,

TX

Intern

May 2023 - Aug 2023

- Utilized **AWS Cloud systems** to manage virtual machine instances and ensure efficient operation.
- Gained experience in common **AWS systems like EC2, Lambda, Systems Manager, CloudWatch, and S3**.
- Wrote scripts in **Python and Powershell** to automate tasks, modify virtual machine instances, and extract relevant information.
- Collaborated with team members to optimize AWS infrastructure and streamline workflows.
- Resolved technical issues and provided troubleshooting support for AWS-related problems.
- Participated in team meetings and contributed to discussions on system improvements and enhancements.
- Created robust and reusable documentation for multiple cloud-related projects.

iCode

Murphy, Tx

Technical Lead

May 2022- August 2022

- Instructed **Python, Java, Construct, and Raspberry Pi** classes, guiding students in building projects and video games.
- Emphasized teamwork, project management, time management, collaboration, and high-level thinking during the teaching process.

Grade Potential Tutoring

Plano,

TX

Tutor

May 2022- present

- Tutor for High school Computer Science, Chemistry, Intro to College Chemistry, Pre-Algebra through Calculus II, High School Physics, Intro to College Physics, SAT Math, and Reading.

SKILLS

Technical Skills: Python, Amazon Web Services (AWS), JavaScript, PowerShell, C++, Java, HTML, CSS, creating documentation

Soft Skills: Social, inclusive, self-starter, strong work ethic, fast learner of technical skills, adaptable to different work styles, excellent communication skills.

Certifications & Training: Microsoft Certified in Java, International Baccalaureate Diploma

Activities: Member of FREE (Freshman Engineering Organization), Engineering Honors

LEADERSHIP

Freshman Reaching Excellence in Engineering (FREE)

College Station, TX

Member of Socials Committee

September 2021– May 2022

- Successfully selected to join the club after a rigorous interview process where less than 10% of applicants were chosen from a highly competitive pool of freshman engineering candidates.
- Contributed to the planning committee, actively organizing and budgeting multiple events, fundraising initiatives, and community service projects such as can drives and neighborhood improvements.
- Served as a mentor, guiding and supporting fellow freshman engineering students.

Texas A&M Rec Center Employee

College Station, TX

Attendant

Aug 2023 -

Present

- Interacted with various gym members, demonstrating strong communication and interpersonal skills.
 - Adapted to individual needs and preferences, providing personalized assistance and guidance.
 - Cultivated a welcoming and inclusive environment, fostering positive relationships with gym members and colleagues.
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