Alexia Hassan

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EDUCATION

Texas A&M University, College Station, Texas   Expected Graduation May 2024
BS in Computer Science; Cumulative GPR: 3.6; Major GPR: 3.7
Minor in Cybersecurity and Business
Relevant Coursework: Data Structures and Algorithms, Programming Languages,
   Computer Organization, Discrete Structure Computing, Communication for Technical Professionals

EXPERIENCE

Soft Interaction Lab, College Station, Texas   May 2022 - Present
Lead Virtual Reality Developer for Postpartum Hemorrhage Project
- Developing virtual reality medical simulations with Meta Quest and Unity3D for training thousands of students in the Texas A&M College of Nursing and Texas rural hospitals
- Collaborating with nursing staff and 3D artists to realistically render scenarios

iCode, Dallas, Texas   June 2018 - March 2020
Lead Laboratory Mentor and Instructor, Digital Marketing
- Delegated responsibilities and managed over five laboratory mentors for successful program camps
- Educated hundreds of children ages 5-18 in programming, 3D modeling, digital art, and robotics
- Designed and produced advertisements for digital and print marketing in Photoshop

ACTIVITIES

Innovation [X]
Virtual Reality Developer for TAMU 2022 Innovation[X] Project   August 2022 - August 2023
- Developing VR experiences using Meta Quest and Unity3D for people with disabilities
- Collaborating with Aggie Achieve program participants to assure quality and impact of project

SHPE
Tech Affairs Member Portal Project Lead   June 2022
- Maintaining Texas A&M SHPE member portal with Ruby on Rails used by hundreds of members to connect, network, and convey professional presence

2021 HowdyHack   September 2021
- Led a four-person team in creating a video game from scratch
- Taught Java to first year engineering students with no prior experience

Environmental Podcast Research Team   September 2020 - May 2021
Media and Marketing, Audio Production
- Conceptualized and implemented media posts relevant to podcast subject
- Investigated recent discoveries and news pertaining to environmental developments

SERVICE

Feed My Starving Children
- Packed food with care for those in developing countries without food security

St. Vincent De Paul
- Sorted clothing, organized hangers, and maintained cleanliness of St. Vincent De Paul thrift store

SHPE Personal Website Guide
- Wrote a detailed explanation of HTML/CSS/Bootstrap code for hundreds of members to develop a website

SKILLS

Technical: C++, C#, Java, Python, Ruby on Rails, Unity Development, HTML/CSS, Github, Photoshop
Soft Skills: Advanced writing, presentation, and digital communication skills