

EDUCATION

Texas A&M University | Bachelor of Science in Computer Engineering / Minor in Economics Dec. 2022

EXPERIENCE

Teaching Assistant for Engineering Lab 3-Electricity & Magnetism Sept. 2021-Dec. 2021
Texas A&M University | College Station, TX

- Attend 12 hours of lab per week to guide students in performing their labs and assignments.

TAMU Data Science Competition 2020 & 2021
Texas A&M University | College Station, TX

- 2020: Built prediction models for expected flight delays by airlines for the third quarter of 2019.
- 2021: Built prediction models to recognize election fund allocations and their performance.

Aggie Research Jan. 2020 - Jul. 2020
Texas A&M University | College Station, TX

The goal of the project was to build an embedded system to create smart trucks for a company.

Key Responsibilities:

- Responsible for sending MQTT data over LTE using r-pi/ sending GPS & sensor data to the cloud.
- Ensuring that the sensors picked up on tire pressure, temperature, and working lights of the trailers.
- Responsible for gaining funding/resources by presenting team's ideas at Engineering Inc meetings.
- Certification of completion for being a member of Aggie Research / Engineering Inc

TAMU Cyber-Security Club Jan 2020 - May 2020
Texas A&M University | College Station, TX

- Attended weekly seminars, held by companies to learn about the importance of security in the industry.

Aggie Challenge Sept. 2019 - Dec. 2019
Texas A&M University | College Station, TX

Created a low-cost motion capture system using smartphones to help resolve healthcare issues in low-income countries.

Key Accomplishments:

- Found the dimensions of the L bar at different camera angles and synchronized the data between smartphones.
- Placed third for the overall work and project idea, at the end of semester evaluations.

Datathon October 2019
Texas A&M University | College Station, TX

- Built a geo-location prediction model for the FB users; data set provided by Facebook.
- Placed in the top 5 for data science mini-challenges.

LEADERSHIP

Co-Founder/ Treasurer of Feeding Curiosity 2020 - Present
Non-Profit Organization | Houston, TX

Feeding Curiosity is aimed towards providing educational resources to underprivileged students.

Key Accomplishments:

- Pencil Drive: donated about \$2,500 worth of school supplies, from 100+ donors for communities in Houston.
- 2021: collected \$700+ worth of clothes/shoes, and \$500+ worth of supplies/ toys for communities in Texas.

TRAININGS / CERTIFICATIONS

Cloud Computing (Online Learning) Present

- Online course that goes over cloud fundamentals, security, AWS, and Azure.

Data Science in Python(Online Learning) May 2020 - Aug 2020

- Final Project: to analyze and model the data in order to predict the number of shares an article would get.

Intro to Python Training(Online Learning) June 2019 - July 2019

- Final Project: Using Data Visualization techniques to determine where and when 911 calls are made the most.

AWARDS

Distinguished Student Award (Texas A&M- College of Engineering| College Station, TX) 2019 - 2020

- Academic excellence award for maintaining excellent grades; Presented in Fall 2019, Spring 2020, & Fall 2020.

Certificate of Excellence/Distinguished Student Award (Texas A&M| College Station, TX) Spring 2020

- Academic excellence award for maintaining grades and involvement at the university; Presented to 200 students

SKILLS

C++ | Python|Java|Matlab|Windows|Linux |Excel | PowerPoint| Microsoft Word