

Shreyan Satheesh

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EDUCATION

Texas A&M University

August 2022 - May 2026

BS in Computer Science, Minor in Cybersecurity

College Station, TX

GPA: 4.0

EXPERIENCE

Texas A&M University

August 2023 – Present

Undergraduate Academic Teaching Assistant

College Station, TX

- Teaching assistant for the Texas A&M python, linux, and discrete computing courses
- Managed in-person office hours to provide guided assistance to students on lab assignments and homework
- Directed 5 lab sections in weekly meetings to discuss progress, address issues, and review material

Smaash Indoor Baseball and Cricket Facility

December 2022 – December 2023

Data Analytics Intern

Sugarland, TX

- Manufactured a interactive scheduling app which automatically assigned clients to available lanes
- Designed captivating web graphics, boosting social media engagement by 250%, enhancing brand visibility
- Deployed Excel and Access softwares to track membership statistics, aiding in data management

Mr. Jans Math Class

September 2021 – August 2022

Student Teacher

Katy, TX

- Facilitated small group sessions, offering personalized instruction and ensuring students kept up with curriculum
- Developed interactive activities and exercises to engage students and enhance their problem-solving skills.

PROJECTS

ScamFinder

June 2024 - August 2024

- Designed and trained a TensorFlow machine learning model to flag suspicious URLs from extracted features
- Tested and validated model with a diverse dataset made from web scraping to achieve an accuracy rate of 98%

Aggies Invent for Paralympics - Super Seat Sensor

February 2024 - April 2024

- Formulated an innovative Python-based sensor system to assist para-cyclists with limited sensory abilities
- Conducted extensive data collection from elite para-athletes to tailor the prototype to their needs.

One Voice

August 2023 - October 2023

- Engineered an AI model using PyTorch to filter background noise from voice recordings, improving audio clarity
- Integrated transcription feature, allowing users to convert spoken text into accessible text files on their computers.

Connect4

June 2023 - August 2023

- Launched a Connect4 game using Python's Tkinter library, implementing a user friendly graphical interface
- Optimized the UI for performance, reducing lag and ensuring smooth animations during gameplay

LEADERSHIP

Cricket — Team Captain and National representative

September 2017 – Present

- Represented the Southwest Zone in the USA Cricket U-19 Nationals, embodying leadership and dedication
- Captained the Houston U21 cricket team to the Minor League Cricket Youth conference finals
- Fostered a collaborative team culture that led to achieving significant competitive milestones.

Future Business Leaders of America — Project Manager

September 2022 – July 2023

- Led a developer team with limited programming experience in two events: Simulation Programming & App Design
- Guided 3 developers in tasks such as front end development, back end development, and React API
- Received multiple honors including 1st place in area competition and 2nd place in the state competition

RELEVANT INFORMATION

Languages: JavaScript | Java | Python | C++ | SQLite3 | HTML | CSS

Awards: Howdy Hack-a-Thon | Dean's Honor List: Spring 2024/Fall 2023 | Craig & Galen Brown Engineering Honors

Coursework: Data Structures & Algorithms | Discrete Computing | Operating Systems | Computer Organization

Other: Google Cloud | React | Git | Linux | Certified Specialist Excel | Certified Specialist Word | Microsoft Office