

Shruthi Yenamagandla

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Houston, TX, 77058

Education

B.S in Computer Science – 3.5 GPA

05/26

Minor in Mathematics

University of Houston – Houston, TX

Advanced Coursework

Algorithms and Data Structures

Database Systems

Programming and Data Structures

Computer Organization & Architecture

Projects

Coogify Music – Online Music Library Database/Website

01/24 - Ongoing

A website that allows users and artists to stream music while carrying out other functionalities like Apple Music and Spotify. Currently working on the backend of this website by populating/gathering data.

Skills: HTML, CSS, Tailwind, React, JavaScript, SQL, UI/UX, Full-Stack Development, Teamwork

Medical A.I Project

10/23 - Ongoing

An AI that predicts the potential risk of a disease based on user symptoms. This project uses algorithms to warn patients of potential risks they may encounter by calculating and analyzing data sets retrieved from medical organizations.

Skills: C++, Data Validation/Analytical Skills, Research & Reasoning

Student Management System

06/23

Allows teachers and students to carry out functionalities specific to their corresponding groups. Some functions include the generation of attendance reports, grade tracking system, assignment submission, and schedule management.

Skills: C++, Data Management, UI, Problem Solving

Experience

Knack Tutoring

2023 - Ongoing

University of Houston Tutor

Tutor for UH students in Programming & Data Structures, Calculus I, and Calculus II.

Space Center Houston

2022 - Ongoing

Guest Operations Crew Member

Update NASA's tram tours/availability and coordinate crew members' schedules.

Assist guests by giving a tour and overview of the museum.

Conduct experiments and activities for children.

Honors

Sita Ram Scholarship | Honorable Mention

05/23

Dean's List | Fall 2022 - Fall 2023

Activities

Watchful AI | Treasurer Position

CougarCS | Member Position

STEM Siblings | Volunteer