Shruthi Yenamagandla

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EDUCATION

University of Houston   08/22 – 05/26
Bachelor of Science in Computer Science, Minor in Mathematics   GPA: 3.5

Relevant Coursework
Algorithms & Data Structures, Database Systems, Automata & Computability, Computer Organization & Architecture

Honors
- Sita Ram Scholarship | Honorable Mention
- Dean's List | Fall 2022 - Fall 2023

EXPERIENCE

Varsity Tutors| Tutor   Ongoing
- One-on-one and group instruction for CS and math courses for ages 11-18.
- Personalized learning regarding selected subjects and course material.

Knack Tutoring | University of Houston Tutor   08/23 – 05/24
- One-on-one instruction for Programming & Data Structures, Calculus I, and Calculus II.
- Personalized learning regarding selected subjects and course material.

Paycom Summer Engagement Program
- Participated in industry-specific training, skill development sessions, and expert-led webinars.
- Engaged with employees and industry professionals, gaining valuable knowledge upon Paycom's ethics, work, and values.
- Gained experience and insight regarding informed career decisions and professional development.

PROJECTS

Coogify Music | Full-stack Online Music Library Database/Website   01/24 – 04/24
- A user-interactive website that allows listeners and artists to create, stream, and like/dislike music and albums while carrying other functionalities parallel to *Apple Music and Spotify.*
  Skills: HTML, Tailwind CSS, React, JavaScript, Typescript, SQL, Node.js, Vite, GitHub, Figma, UI/UX, Full-Stack Development

Personal Portfolio | Personal Website   Ongoing
- A made-from-scratch website that showcases personal/academic projects, skills/technologies learned, a contact field, and a section that displays information to learn more about me.
  Skills: HTML, Tailwind CSS, React, JavaScript, Node.js, Vite, GitHub, Figma

Let Me Eat | Interactive AI Game   Ongoing
- Currently creating an AI game where its characters learn how to navigate through different maps with various obstacles. The goal of the character is to earn a maximum score by optimizing the path it takes to engulf the rewards spawned on the field with the least number of collisions and distance possible.
  Skills: C#, Unity, GitHub

TECHNICAL SKILLS
- **Languages:** Python, C++, JavaScript, Typescript, SQL, HTML, Tailwind CSS, Bootstrap
- **Frameworks/Technologies:** Node.js, React, Vite, mySQL, npm, GitHub, Figma
- **Certifications:** Paycom P.A.Y.C, Paycom SEP, Internshala Web Development

LEADERSHIP & ACTIVITIES
- **Watchful AI - Treasurer Position |** Collected and managed financial data regarding organization and funding fees.
- **STEM Siblings - Volunteer |** Organized events and taught 1st – 8th grade students basics of coding and STEM subjects.