

Shayaan Qureshi

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EDUCATION

University of Houston

Bachelor of Science in Computer Science - GPA: 3.8/4.0

Dean's Distinguished Scholars List

Houston, TX

Graduation Date: May 2026

2023

EXPERIENCE

Tutor

July 2023 – Present

Knack, University of Houston

Houston, TX

- Tutored over 10 courses, including Calculus I & II, Data Structures & Algorithms, Introduction to C++, and Computer Organization & Architecture
- Achieved a 5-star rating with over 250 hours of tutoring, demonstrating strong communication and teaching skills
- Provided personalized support to students, helping them improve their understanding of complex topics and achieve academic success

Executive Board Member

Aug 2024 – Present

Sigma Alpha Epsilon, University of Houston

Houston, TX

- Led and organized chapter meetings, fostering communication and collaboration among members to achieve chapter goals
- Coordinated fundraising and philanthropic events, resulting in a 20% increase in funds raised for charity
- Worked closely with university officials and alumni to ensure compliance with organizational policies and maintain chapter standing

Officer

Aug 2023 – July 2024

CougarCS, University of Houston

Houston, TX

- Led the planning and execution of coding competitions, hackathons, and technical workshops, enhancing members' skills in programming and problem-solving
- Coordinated guest speaker events and networking sessions, connecting members with industry professionals and fostering career opportunities
- Collaborated with other officers to develop strategies for increasing club membership, resulting in a 15% growth over the semester

PROJECTS

CasualConf | Video Conferencing App

[GitHub Repository](#)

- Developed a video conferencing application that allows users to create, schedule, join, & record virtual meetings
- Integrated Clerk for secure account creation & GetStream API for real-time meeting functionality
- Deployed on Vercel for dependable and scalable performance

SynthSpeak | AI ChatBot

[GitHub Repository](#)

- Constructed an interactive chatbot clone that makes use of the OpenAI API to facilitate context-aware, real-time discussions
- Leveraged Next.js for server-side rendering and efficient API routes
- Deployed on Vercel, offering a real-time demonstration of the chatbot's functionality

Netflix | Netflix Replica

[GitHub Repository](#)

- Designed a dynamic Netflix-inspired movie streaming application
- Formulated secure user authentication, browsing of movies & TV shows, & displaying trending content with embedded YouTube trailer
- Deployed on Render for reliable hosting, with data integration to enhance the streaming content and user interaction

TECHNICAL SKILLS

Programming Languages: Python, JavaScript, Java, C++, TypeScript, Microsoft Excel, Swift

Web Technologies: HTML, CSS, React, Node.js, Flask, Next.js

Databases: PostgreSQL, MongoDB, SQLite, Firebase

Tools: Git, Docker, Postman, TravisCI, OpenAI, Clerk, AWS