

SHAYAAN QURESHI

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EXPERIENCE

Knack Tutor

July 2023 — Present

- Certified Tutor in over 10 courses at the University of Houston and tutored for over 200 hours.
- Offered tailored tutoring sessions for students in need of help with their mathematics and C++ programming classes.
- Worked with teachers to match tutoring sessions to lesson plans and homework obligations.

Courses: Data Structures & Algorithms, Intro to C++, Python, Calculus 1 & 2, PreCalculus, etc

Cougar CS

Aug 2022 — Present

- Attended weekly meetings and offered opinions on current events, programming languages, and business trends.
- Helped organize hackathons and coding seminars, which contributed to skill-building and networking.
- Oversaw and helped with the organization of technical seminars and workshops.

Data Analyst Internship at Land Of Fire Co.

Sept 2020 — July 2021

- Worked together with the team to compile and evaluate unprocessed data from numerous sources, assuring its precision and coherence.
- Used Excel and Python to clean, preprocess, and transform data, fixing outliers and missing numbers for better analysis.
- Helped create interactive dashboards that gave stakeholders access to crucial performance information in real time.

EDUCATION

University of Houston, Major, Bachelors of Computer Science

2022 — Expected May 2026

- Gpa: 3.9
- Courses: Achieved an A in Data Structures & Algorithms, Calculus I, Intro to C++, and Calculus II

CURRENT PROJECTS

Gym Program - Summer 2023

- Created a customized fitness schedule and nutrition plan depending on user input
- Included User Account Creation
- Dealt with Persistent Data Storage

Tamagotchi Pet Game - Spring 2023

- Included a variety of characters to pick from
- Contained efficient Load/Save using File I/O
- Incorporated Pointers, Classes, User Creation, and Game Loops

Casino Database - Fall 2023

- Developed a C++ casino database system with a linked list for efficient customer record management.
- Highlighted proficiency in programming, command-line arguments, and advanced data structures.
- Executed commands, and managed customer information with innovative features like sorting algorithms for enhanced data organization.

SKILLS

- Languages: C++, HTML, CSS, Javascript, TypeScript, Python
- Tools: Linux, Git, SQL, AWS, VS, Tailwind, Google API

ACHIEVEMENTS

Dean's Distinguished Scholars List

2023