

Ashish Job

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EDUCATION

University of Houston - Honor's College

Bachelor of Science in Computer Science, Minor in Mathematics

Aug. 2022 – May 2026

GPA: 4.00

Relevant Coursework:

Introduction to Programming, Computer Science and Programming

EXPERIENCE

Cybersecurity Intern

Chrysallis.AI

March 2023 – May 2023

Remote

- Comprehensively evaluated gap analyses of the institution's set policies concerning threat feed monitoring.
- Assembled RACI charts as a team lead to communicate responsibilities with fellow team members.

Tutor

The Tutoring Center

April 2021 – August 2021

Sugar Land, TX

- Instructed 12 students per day in Math and Sciences, with student ages ranging from pre-school to 12th grade.
- Utilized Microsoft Excel to communicate with management and coworkers about scheduled times and clients.

PROJECTS

Pokemon Tamagotchi/RPG | Object-Oriented Programming | C++, Git, Figma, UML

- Developed a Tamagotchi game using OOP with C++ and utilized polymorphism and save/load features.
- Designed a UML Diagram in Figma and appropriately communicated the project's plans and source code's base.

Portfolio Website | Web Development | JavaScript, HTML/CSS

- Designed a website to showcase personal computer science experiences and projects in various formats and styles.
- Hosted the website to allow for public viewing and user experience by utilizing Google's Firebase platform.

Malayalam MNIST | Neural Network | [In Progress] | Python, Docker, PostgreSQL

- Developed a digital classification system through which all 56 written Malayalam characters can be identified.
- Employed a dataset containing written formats of all 56 characters in Malayalam for Python to classify each letter.

PassTA | Fullstack Web Application | [In Progress] | TypeScript, React.js, TailwindCSS, AWS Cloud, SQL

- Created a backend login mechanism to provide users who hold the proper TA credentials specialized access.
- Accounted for both students and TAs to hold access to resources furthering their specific related needs.

LEADERSHIP / EXTRACURRICULAR

CougarCS | Typescript, React.js, Next.js, TailwindCSS, Git

Web Dev Committee

March 2023 – Present

- Involved in the Admin Portal Team and Revamp team to assemble or reconfigure the website's front end.
- Utilized Git source control to commit to issues, create separate branches, and merge once corrected.

CougarAI

DataCON Logistics Director

March 2023 – Present

- Orchestrated the Logistics end of the first AI-based Datathon event to be held at the University of Houston.
- Communicated effectively with other directors to set a plan into motion and construct ideas to be accountable for.

TECHNICAL SKILLS

Languages: Python, C++, JavaScript, TypeScript, HTML/CSS, Java, SQL

Technologies/Frameworks: React, Node.js, Next.js, Github

HONORS / AWARDS

Dean's List - Fall 2022 | Dean's Distinguished Scholar's List - Fall 2022 | Dean's Freshman Excellence Award |
Dean's List for the Honor's College - Fall 2022 | Commended National Merit Scholar | AP Scholar with Distinction |
Academic Excellence Scholarship Recipient | Jerrin Alexander Memorial ACT Award |