

Shahad Hossain

Software Engineer; Computer Science and Math Major

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EXPERIENCE

24/7 Teach

May, 2022 – May, 2024

President & Software Engineer

- Led backend development in Python for training the chatbot application
- Utilized Javascript to connect the Python chatbot toward Squarespace site
- Pitched to investors from schools and businesses interested in our chatbot

McKee Unity Game Designer

Dec, 2021 – Sep, 2022

Video Game Developer

- Utilized C# in order to actualize intricate game mechanics and features
- Passed Unity Technologies Certification exam in 2D game development
- Recreated nostalgic 2D video games within the Unity Game Engine

United Activities Unlimited

Jul, 2021 – Aug, 2022

Data Analyst

- Made correlation between gun violence and income by analyzing data
- Voiced concerns and solutions for gun violence through a presentation
- Created flyers for social media accounts focusing on gun violence

EDUCATION AND COURSEWORK

Macaulay Honors College at CSI

Aug 2024 – May, 2028

Computer Science & Math Major; Honors Student

Ralph R. McKee

Sep, 2020 – Jun, 2024

Software Engineering Student; 4.0 GPA (Valedictorian)

PROJECTS

24/7 Teach Success Coach Chatbot

Created in Python, the Success Coach offers insight into the college admissions process and navigating company products. I presented this project to major shareholders and the CEO to showcase its capabilities and interface.



School Website

Using HTML, CSS, and Javascript I created a revitalized School website in order to allow students to dynamically interact with the website and access information more efficiently. I presented this website to school officials and the principal, where I received approval for deployment.



SKILLS

Proficient in A.I. Development

Experienced Backend Developer in Flask & Django

Skilled in Python, C#, Javascript, & SQL

Well-Versed in UX/UI Design via Figma

Expertise in Project Management

Well-versed in Microsoft & Google Suite

AWARDS/HONORS

Distinction for A.I.

Development – Honored for presenting and leading backend development + training of a 99% responsive AI chatbot

2024 Annual Citywide Graphic Arts Competition for Website Design – 2nd Place for excellence in design and development of a website

Excellent Bill Proposal – in recognition of conceptualizing, designing and implementing an impressive redesign of the school website

MISCELLANEOUS

Bilingual: Fluent English speaker; native in Bengali

Varsity: American Football (Offensive/Defensive Lineman)

Clubs: Table tennis, boxing, & tabletop