Syed Bukhari

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EDUCATION

College of Staten Island   Cumulative GPA: 3.9
Bachelor of Science **Computer Science, Biology**   Expected Dec 2024
Minor in **Mathematics**

COURSEWORK

- Data Structure, Computer Architecture, Calculus I/II/III, Linear Algebra, Discrete Math

Technical Skills

Programing Languages | Java, C++, JavaScript, Python, HTML, CSS, SQL

Technologies | React, Tailwind, CSS, REST, API, MySQL

Developers Tools | Git, GitHub, GitHub Actions, Docker, Heroku

Projects

MediLingo: Health Education Platform   Sep. 2023 – Oct. 2023

- Led the MediLingo team to victory in the health track, for the University of Pittsburg Hackathon 2023 showcasing the platform's potential to revolutionize patient education and its impact on healthcare outcomes
- Architected and developed the frontend using modern web technologies, including TypeScript and CSS
- Designed an intuitive user interface with responsive layouts and interactive components
- Integrated a variety of assets, including images and icons, to enhance the user experience
- Collaborated with a team of developers, ensuring code quality and timely delivery of features
- Developed a robust Node.js server, ensuring efficient data retrieval, storage, and API management
- Utilized React's state management capabilities to handle dynamic user interactions and data flow

TikTok Video Automation | Full-Stack Development   Feb. 2023 – May. 2023

- Automated content creation, using Python and MoviePy automating content creation and management focused on TikTok
- Utilized a Large Language Model to conduct automatic speech recognition and structure captions for the application, streamlining development and collaboration with Reddit API and MoviePy
- Introduced support for Google Drive API, introducing seamless connection between users, teams, and platforms to improve efficiency.
- Implemented cloud deployment with Heroku , increasing uptime to 24/7 and enabling live updates, resulting in an easier platform with limited downtime

Certifications

Goldman Sachs Software Development Virtual Internship | Cybersecurity   Dec. 2022

- Engaged in a series of simulated tasks that mirror real-world responsibilities of a software engineer at Goldman Sachs
- Worked to secure a compromised database of passwords by implementing complex hashing and salting of the data
- Developed and tested a patch for a client-facing application, ensuring the application met Goldman Sachs' rigorous quality and security standards

Harvard CS50x | Web Development   Aug. 2023

- Developed a series of projects using C, Python and SQL, showcasing proficiency in multiple programing languages
- Implemented a spell-checker using data structures like hash tables and tries, optimizing performance and memory usage
- Designed a finance web application using Flask, SQLite and Jinja simulating stock trading by integrating real-time stock data using IEX Cloud API