Syed Bukhari

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EDUCATION

College of Staten Island   Cumulative GPA: 3.9
Bachelor of Science **Computer Science**   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

Weather Website | Full-Stack Development   Dec 2022 – Present

- Orchestrated the development of a full-stack movie rating application utilizing **JavaScript, HTML/CSS**, **Python** and **Flask** using **Docker** to standardize and improve deployment processes, achieving a more reliable production workflow
- Implemented a dynamic frontend, focusing on reactive design elements to enhance user interactivity and update displayed weather data seamlessly
- Collaborated with other developers on dynamic background functionality, integrating AI generated backgrounds from Midjourney to enhance visual appeal

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