S M Ridwanul Haque

St. John's, NL | sridwanulh@mun.ca | +1 (647) 212-2825| Personal Website | Github | LinkedIn

SKILLS

Programming Languages: Python, Javascript, Java, SQL, C#, and C++
Web Development: HTML, CSS, Three.js, and React.js
Data Analytics and Visualization: Pandas, NLTK, Numpy, Seaborn, and Matplotlib
Cloud: Firebase
Others: MS Office, and Google Workspace

EDUCATION

Bachelor of Science (B.Sc.) in Computer Science   May 2021 - Present
Memorial University of Newfoundland

Bachelor of Science (B.Sc.)   September 2019 - May 2021
Brock University

PERSONAL PROJECTS

ChitChat
- Built a web-based chatting software where the UI and UX were developed using React.js. Designed the interactive user interface by deconstructing the program into modular and reusable components
- Leveraged Firebase to ensure secure user authentication and enable storage of user data on the cloud using Auth REST API and Cloud Firestore REST API respectively
- Implemented asynchronous operations in JavaScript when working with a real-time NoSQL database, optimising efficiency and responsiveness in data retrieval

Flappy Bird
- Designed and implemented a Flappy Bird game in Python Using Pygame
- Effectively used the Spirit module in Python to animate bird movements during flight and incorporate realistic game physics

Food Review Analysis
- Employed the Sentiment Analyzer (VADER) from the NLTK package in Python to assign a score to each user review, which uses NLP techniques
- Compared the scores obtained from using VADER with the user ratings to determine the precision of the VADER module in capturing user sentiments. Used a word cloud for better visualisation of the results

WORK EXPERIENCE

ISO Policy Analyst   October 2023 - December 2023
Centre of Analytics, Informatics and Research (CAIR), MUN | St. John's, NL
- Collaborated with a team of Database administrators to better understand the DBMS of research databases to identify potential security risks.
- Developed a thorough privacy policy for CAIR, by efficiently managing information flow and coordinating meetings to foster a collaborative work environment

Cook   August 2022 - December 2022
Sushi Island | St. John's, NL
- Developed a keen eye for detail through precision in measurements and meticulous presentation, applicable to roles demanding thoroughness and accuracy
- Demonstrated adept time-management skills in a fast-paced culinary environment, ensuring efficient communication and timely delivery of high-quality results