Sourav Saha

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SUMMARY

I am studying at CUET as a final-year Computer Science and Engineering student. I'm currently an expert in datasets on Kaggle.

EDUCATION

B.Sc in Computer Science and Engineering   **2018 - 2023 (expected)**
Chittagong University of Engineering and Technology

Higher Secondary School Certificate   **2015 - 2017**
Notre Dame College

Science | GPA: 5.00 on a scale of 5

SKILLS

Programming   JavaScript, Python, C, C++

Software Development   JavaScript(ES6+), Flask, HTML5, CSS3, Bootstrap, OOP, MySQL

Tools & Technologies   Linux, Git & Github, Visual Studio Code, LaTeX, Skype, Slack, Netlify

WORK EXPERIENCE

Industrial Trainee Software Engineer   **October 24 - November 15**
Brain Station 23 Ltd   *Dhaka*

- Learned fundamentals of JavaScript and DOM manipulation.
- Completed a final project using DOM manipulation and JavaScript web storage API.
- Obtained GPA of 4.0 upon successfully completing the training.

PROJECTS

Portfolio Website with JavaScript
- Portfolio made using JavaScript, HTML, CSS3.
  Live demo GitHub

Multi-user Todo List
- A web application made using JavaScript, HTML, CSS3 to keep track the to-do lists for multiple users.
  Live demo GitHub

CGPA Calculator for CUETians
- A JavaScript program to calculate CGPA from the CUET students portal. It will show the cumulative CGPA in one go.
  GitHub

Sarcasm Detection using Model Fusion
- A hybrid deep learning late fusion model to detect sarcasm from Bangla text. Here, two deep learning models (BiLSTM, BiGRU) and two hybrid models(BiLSTM+CNN, BiGRU+CNN) are lately fused to detect whether a text is sarcastic or not.
  GitHub

Students' Anxiety and Depression Prediction
- A web application made using streamlit to predict students' depression anxiety from text. Here, two deep learning models (BiLSTM, BiGRU) and statistical machine learning models are used.
  GitHub

CERTIFICATIONS

- Responsive Web Design - freeCodeCamp
- Intermediate SQL Queries - DataCamp
- Python (Basic) Certificate - HackerRank
- Python Data Structures - Coursera
- Applied Machine Learning in Python - Coursera
- Natural Language Processing with Classification and Vector Spaces - Coursera

COMPETITIONS

2022   **6th**, ML Competition: CUET-ETE-Day
2022   **Participant**, Robi Datathon 2.0
2021   **Participant**, NASA Space App Challenge
2018   **Participant**, Techtronics 2018 Inter University Programming Contest

AREA OF INTERESTS

- Machine Learning

- Web Development

LANGUAGES

English   Professional proficiency
Bengali   Bilingual proficiency

REFERENCE

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