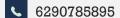# S/G

Soumyadeep Ganguly

Undergraduate Student

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👤 Soumyadeep Ganguly

⬤ https://github.com/Soumyadeep002

ABOUT ME

I am passionate for new research and innovative project creation. I am constantly seeking opportunities to apply my skills to solve problems.

I have a passion for Data Analysis and Visualization, and I am always looking for ways to improve my skills and stay up to date with the latest developments in this field. I am excited to continue learning and growing as a Data Scientist and make a positive impact through my work.

SKILLS

- Python
- MySQL
- C & C++
- Data Analytics
- AI & Machine Learning

EDUCATION

B. SC in IT (Data Science)

Maulana Abul Kalam Azad University of Technology
2021 – present

Higher Secondary

Subjects: Physics, Chemistry, Mathematics, Computer Science

Marks obtained: 89 %

West Bengal Council of Higher Secondary Education
2019-2021

PROJECTS

Fake News Detection

Mentored by Dr. Aniruddha Dey, Assistant Professor, Information Science, MAKAUT, WB

It is Supervised Learning based ML model, which can classify the fake news
- Logistic Regression, Decision Tree, GD boosting & Random forest classifiers are used
- American News Dataset has been used to train the model

Smart Attendance System

Mentored by Mr. Ayan Ghosh, Assistant Professor, Information Science, MAKAUT, WB

- *It is a deep learning based technology, which can have replaced the traditional pen-paper based class daily log*
- *It used Face recognition, to identify face and record the attendance automatically*
- *It generates excel sheet for daily attendance, and save it to institutes database.*

Emotion Detection based on Facial Expression

Self-mentored

It uses Neural Network to identify Facial Expression and analyses it.
- *Next Step to AI Emotion Detection*
- *Uses Tensorflow & Keras*

Performance Analysis of Indian Railway Zones

Mentored by Mr. Amalendu Si, Assistant Professor, Department of IT, MAKAUT, WB

It uses various Multi-Criteria Decision Making Approaches to benchmark the performance of 16 different Indian Railway zones and Rank their Performance.