




Sukriti Guin

As an ECE undergraduate with a strong foundation in Data Structures and Algorithms, I am highly motivated to apply my skills to a software-related role in the industry. With experience in Python, SQL, and other relevant programming languages, I am eager to utilize my knowledge to solve real-world problems. I am a quick learner, detail-oriented, and dedicated to producing high-quality work, making me a valuable addition to any software-related team.



CONTACT

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PROFILES



SKILLS



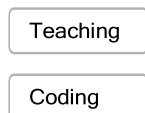
LANGUAGES

English
Intermediate

Bengali
Native or Bilingual Proficiency

Hindi
Intermediate

INTERESTS



EDUCATION

Netaji Subhash Engineering College

Kolkata, West Bengal, India

Bachelor of Technology in **Electronics and Communication Engineering**

2020-2024

SGPA: 9.06 (till 5th sem)

Niol High School(H.S)

Niol, West Bengal, India

2018,2020

Secondary: 90%, Higher Secondary: 92%

PROJECTS

Movie Recommendation Application with Streamlit in Python

11/2022 - 01/2023

Cosine Similarity Algorithm, Logistic Regression Algorithm, Web Scraping

- Developed movie recommendation application using **Streamlit**, **Python** and **50k movie dataset**.
- Built **machine learning model** with **logistic regression** and **bag of words** for **movie review sentiment analysis (Accuracy : 75%)** and another model with **cosine similarity** for **recommendation system**.
- Incorporated **movie details** such as tagline, genres, rating, votes, trailer, description, and duration into the application
- Designed **user-friendly filter page** for **movie search**, including options for genres, date ranges, language, and country
- Demonstrated proficiency in **machine learning**, **web scraping**, and **data analysis** with **Python**.

Automated Library Management System with Streamlit in Python

04/2023 - 04/2023

Python, Streamlit, PostgreSQL, Psycopy

- Developed a Library Management System using **Python**, **Streamlit** and **PostgreSQL** with features for **user login**, **QR code scanning**, and **book transactions**.
- Designed a user-friendly interface for librarians to efficiently **manage user data and book transactions**.
- Implemented a **Library Card system with QR** codes to enable easy access and account management for students and faculty, including checking borrowing history and fine status.

WhatsApp Group-Chat Analysis with Dash in Python

03/2023 - 04/2023

Pandas, Dash, Plotly

- Used **Pandas** to manipulate chat data from an exported chat file, including separating date, time, user, and message information.
- Created **dynamic Plotly visualizations** included **bar charts**, **line charts**, **scatter plots**, **pie charts**, and **bubble charts**.
- Built interactive web-based visualizations using **Dash**.
- Implemented a wide range of advanced data analysis techniques such as **sentiment analysis** and **word frequency analysis**, including generating a **word cloud** to show the most frequently used words in the chat.
- Achieved a deeper understanding of **group chat dynamics** by using the analysis to create a **sunburst graph** showing the number of messages sent by each user by year, month, and weekday.

ACHIEVEMENTS

- Achieved top ranks in **TCS CodeVita Season 10, 2022**, ranking **455th out of 150k** participants in **Round 2** and **2800th in Round 1**, showcasing **strong coding skills** and **problem-solving abilities**.
- Demonstrated excellence in **algorithmic programming** and **logical reasoning**, securing **college rank 2 in TCS CodeVita Season 10, 2022 Round 2**.