

SHREYA CHATTERJEE

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OBJECTIVE

I am deeply fascinated by Statistics , data science and machine learning, where I have gained expertise in data preprocessing, exploratory data analysis, and predictive modeling. I am proficient in Python, utilizing frameworks like NumPy,Pandas,Scikit-Learn, matplotlib,seaborn and TensorFlow to manipulate and analyze data, build machine learning models. Additionally, I have a knack for frontend development, specializing in HTML, CSS, JavaScript with a focus on designing visually appealing and user-friendly interfaces.

EDUCATION

Bachelor of Science(Statistics), Visva-Bharati University, 8.1 SGPA(Upto 2nd Year) Expected 2024
Relevant Coursework: Statistical Inference,DBMS,Computer Networking, Regression Analysis etc.

Higher Secondary Education,IHS,WBBHSE, 94.25Percent
Relevant Coursework: Science(PCMB) 2019 - 2021

Secondary Education,AHS,WBBSE, 92.3Percent
Year: 2019

SKILLS

Technical Skills	C,R,SQL,Python(Numpy,Pandas,Matplotlib, Scikit-Learn, Seaborn), HTML, CSS , JavaScript
Soft Skills	Problem Solving, Observation, Decision making, Communication

EXPERIENCE

Data Science Intern Apr 2023 - May 2023
Code-Clause *Vadgaon Pune, India · Remote*

- Introducing My Color Detection project at Codeclause, leveraging advanced Machine Learning for precise and adaptable color recognition. I aim to seamlessly integrate this technology into applications, providing real-time processing and enhancing user experiences. My system is designed to accurately identify a broad spectrum of colors, ensuring robust performance across diverse scenarios.

PROJECTS

Color-Detection Color Detection is a popular application of computer vision and image processing, which involves identifying and analyzing colors in images or videos This is a Python project that allows you to detect and extract the dominant colors from an image using the OpenCV and K-means clustering algorithm.[\(Project is here\)](#)

Analysis-of-Covid19-Dataset Using R In this analysis, we aim to provide insights into the Covid-19 dataset, such as the trends in the number of confirmed cases, deaths, and recoveries, as well as the factors that may have contributed to the spread of the virus.[\(Project is here\)](#)

Expence Tracker This project is a simple web application built with HTML, CSS, and JavaScript that allows users to keep track of their expenses. With this app, users can add, edit, and delete expenses to manage their financial transactions efficiently. [\(Project is here\)](#)

EXTRA-CURRICULAR ACTIVITIES AND ACHIEVEMENT

- Actively Participated in GSSOC'23 and Contributed here Efficiently.
- Reciving the "[INSPIRE SCHOLERSHIP](#)" on account of being placed in top 1 Percent in WBCHSE Class 12th Board examination (2021)
- Attended many tech events in kolkata where over 1K+ tech enthusiasts are attend the sessions on Google Cloud, AI-ML, Designing etc. etc.