Akshit Chugh

Passionate about Web Development, Data Science and solving programming problems with 4+ years of experience in coding. Has over 7 months experience of internship in the field of Machine Learning.

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github.com/AkshitChugh787

EDUCATION

B.Tech in Information Technology Maharaja Surajmal Institute of Technology, New Delhi

08/2019 - Present

9 CGPA till 4th sem

CBSE Senior Secondary

Hansraj Model School, Punjabi Bagh, New Delhi

04/2017 - 05/2019

87.4% Percentage, 90.23 percentile in JEE Mains 2019

INTERNSHIPS

Research Associate

Pixstory

06/2021 - 07/2021

Washington D.C., USA

Pixstory is a new social media platform committed to transparency, integrity, and decency in which users are held accountable to the truth.

Achievements/Tasks

 Performed a research analysis on different social media platforms and visualizing their marketing growth.

Machine Learning Industrial Training Defence Research & Development Organisation

07/2021 - 08/2021

New Delhi, India

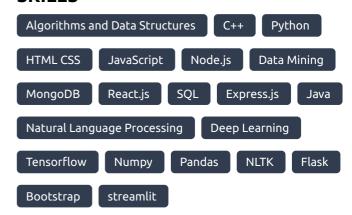
The Defence Research and Development Organisation is the premier agency under the Department of Defence Research and Development in Ministry of Defence of the Government of India, charged with the military's research and development, headquartered in Delhi, India.

Achievements/Tasks

- Studied various papers on different clustering methods in the field of Machine Learning.
- Created a Geospatial Map of the world using the data provided by the International Dark-Sky Association,
 Performed clustering methods for the best accuracy and generated a report.
- Studied the effects of Light Pollution on Migratory Birds and using Time Series Forecasting, understand their foraging behaviour based on their geolocation using the GPS trackers on the birds.
- Performed Multi Class Image Classification on seabirds using tensorflow CNN models
- Predict the Spectral class of Star based on its luminosity, radius, temperature, etc using Machine Learning algorithms.

Contact : Dr. Yousuf Ansari (Scientist) - mdyansari@gmail.com

SKILLS



PROJECTS

The Effects of Light Pollution on Astronomical Observation and Birds Migration

- Peformed Clustering methods on geospatial light pollution data of the world
- Predict star spectral class based on star features
- Performed Multiclass Image classification on seabirds
- Performed Time Series Forecasting on birds altitude base on geolocation to predict their foraging behaviour

File System Organizer using Nodejs

 Using Node.js, the project classifies and organize all the different files in the folder to their respective extension and type

Stack overflow developer survey ML webapp

 Using the stack overflow developer survey data and Streamlit, made a ML web application to predict salary of developers based on location and their experience

Web Scraping ESPN Cricinfo website

 Using nodejs library cheerio, from espncricinfo website, performed web scraping of individual batsman scores and stores their respective data in different excel sheets under player's team.

Sentiment Analysis of r/wallstreetbets subreddit

 Using the dataset of r/wallstreetbets, performed sentiment analysis on the users post using the python spacy library

COURSES

Stanford Online Machine Learning

Deeplearning.ai - Neural Networkd deeplearning.ai

IBM Data Science Professional Certificate

Coursera