

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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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

Algorithms and Data Structures

C++

Python

HTML CSS

JavaScript

Node.js

Data Mining

MongoDB

React.js

SQL

Express.js

Java

Natural Language Processing

Deep Learning

Tensorflow

Numpy

Pandas

NLTK

Flask

Bootstrap

streamlit

PROJECTS

The Effects of Light Pollution on Astronomical
Observation and Birds Migration

- Performed 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 Scrapping ESPN Cricinfo website

- Using nodejs library cheerio, from espcricinfo website, performed web scrapping 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

Coursera

Deeplearning.ai - Neural Networkd

deeplearning.ai

IBM Data Science Professional Certificate

Coursera