ABHISHEK KUMAR SAXENA

COMPUTER SCIENCE | Portfolio URL : https://abhisheksportfolio.herokuapp.com/

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SUMMARY

I am an enthusiastic fast learning 3rd year student pursuing B.Tech. in Computer Science Engineering from Jaypee Institute of Information Technology, Noida. Seeking an opportunity to work utilizing analytical and methodical skills.

EDUCATION

o Class 12th **2016   89.6 %**
SHRI GULAB RAI MONTESSORI SR SEC SCHOOL, BAREILLY, UP, INDIA

o B. Tech Computer Science Engineering **2017- 21   CGPA 7.8**
JAYPEE INSTITUTE OF INFORMATION TECHNOLOGY, NOIDA, U.P. INDIA

EXPERIENCE

CITISPOTTER LIMITED **Oct 2019 - Jan 2020**
114 High Street, Cranfield, Bedfordshire, MK43 0DG, United Kingdom

MACHINE LEARNING INTERN (REMOTE)
o Implemented deep learning models for Entity Disambiguation.
o Implemented Argumentation Mining (the detection, classification, and structuring of arguments in text) using Natural Language Processing.
o Wrote Case Study for controversial topics like **"Brexit in Europe"**, **"MP resignation due to Brexit",** to find out reasons that contributed to these using **Data Science**.
o Collaborated and worked on projects in Data Analytics that consisted from Data Collection to implementing Deep Learning and Machine Learning Models, generating visualization from raw data after processing it that would be helpful for Business Insights, Pattern Detection and Recognition.

ACHIEVEMENTS

o Worked with Citispotter's Artificial Intelligence technology team and implemented a Case Study using Data Science and Machine Learning that predicted Remainers parties lost long ago even before polls opened.

  i. Link on Medium: https://bit.ly/2Megq6t
  ii. Full link of Case Study: https://bit.ly/2LTYzly

o Nominated for Smart India Hackathon 2020 from Jaypee Institute of Information Technology.

CERTIFICATIONS

• Introduction to Data Science in Python an online non-credit course authorized by University of Michigan through Coursera.
• Applied Plotting, Charting & Data Representation in Python an online non-credit course authorized by University of Michigan through Coursera.
• CS50: CS50's Introduction to Computer Science a course of study by Harvardx, an online learning initiative of Harvard University.
• Completed Python, JavaScript, HTML certification from Sololearn.

PROJECTS

• **Deep Learning Image Classification** **Mar 2020 - Apr 2020**
https://github.com/abhisheksaxena1998/Deep-Learning-Image-Classification

  o A Deep Learning Classifier to classify various species of Monkeys.

• **Malicious URL Detector** **Jan 2020 - Feb 2020**
https://github.com/abhisheksaxena1998/Malicious-Urlv5
https://malicious-url-detectorv5.herokuapp.com/
  o Machine Learning Application for detection of Malicious URLs related to cyber-frauds
  o Realtime detection of Address, City, URL Age, IP address, Location (latitude, longitude), Alexa ranking.
  o Formulated Live Data Analysis portal for inspecting trends.

• **YouTube Content Analysis Application** **Nov 2019 -Dec 2019**
https://github.com/abhisheksaxena1998/Youtube-Content_analysis
https://youtube-content-analysis.herokuapp.com/
  o YouTube Content Analysis application that prompts for a YouTube video URL
  o Interpreted content analysis in terms of hate speech or offensive language.

• **Gun laws Stance Detector** **Jul 2019 - Nov 2019**
https://gunlaws-stance-detector-v1.herokuapp.com/

  o Detects stance for controversial topic "Gun-laws" in USA, using machine learning, deep learning models
  o Introduced Data Analysis from Twitter data.

• **Reddit Flair Detector** **Sep 2019 - Apr 2020**
https://reddit-realtime-analysis.herokuapp.com/
  o Reddit Flair Detector that takes a dynamic website as an input and predicts 'flair' for the given URL based upon its title, top comments, and URL
  o Developed Data Analysis section for Reddit.

• **Sentiment, stance and temporal analysis on twitter** **Jul 2019 - Oct 2019**
https://github.com/abhisheksaxena1998/Sentiment-and-Stance-analysis-in-twitter-and-temporal-analysis

  o Twitter being a public opinion platform, is the best source for collecting textual data.
  o Trend of public opinion is captured and how it transforms over time.

• **Being an Independent Data Scientist** **Aug 2019 - Sep 2019**
https://github.com/abhisheksaxena1998/Becoming-an-Independent-Data-Scientist
  o Worked on a dataset of past 10 years for minimum, maximum temperatures, rainfall
  o Derived average rainfall patterns and their dependence on minimum and maximum temperatures in Ann Arbor, Michigan, United States.