Vasu **Singh**

Data Scientist

Contact

New Delhi, 110096

9899759015

vasubhadra@gmail.com

https://www.linkedin.com/in/vasu-bhadra/

https://github.com/datablogger-ml

Skills

- Machine learning
- Python
- Deep Learning
- Neural Networks
- Pandas
- Numpy
- Scikit-learn
- Tensorflow
- Statsmodels
- Matplotlib
- Seaborn
- NLTK

Driven Data Scientist ready to thrive in demanding digital intelligence processing environments. Well-informed on latest machine learning advancements. Ready to combine tireless hunger for new skills with desire to exploit cutting-edge data science technology.

Work History

2020-02 - 2020-07

Data Science Intern

Group Data Analytics, Aditya Birla Management, Bangalore, Karnataka

- Worked on coming up with analytical solutions for SSOE Trading team for Crude Oil Forecasting.
- Assess the effectiveness and accuracy of new data sources and data gathering techniques.
- Developed various univariate Time Series forecasting Models and multivariate models with parameter tuning.
- Achieved forecasting accuracy of 97% with a directional accuracy of 57% for baseline model.
- Developed Twitter Based Model using 20,000 tweets with LSTM and GRU .

Education

2016-07 - 2020-07

Bachelor of Technology

Vellore Institute Of Technology - Vellore

- Graduated with **8.13 CGPA**
- Coursework in Electronics And Communication

2014-05 - 2016-05

High School, All India Senior School Examination

Apeejay School - Noida

- Graduated with **92.4%**
- Coursework in Physics, Chemistry, Maths and Computer Science

• Certifications

Neural Networks and Deep Learning

Machine Learning A-Z

Python 3: Complete Bootcamp

Time Series Analysis for Python

IBM Data Science

• Projects

Automatic Caption Generator

- Deployed a web application on Heroku that automatically generates the best captions for an uploaded photo.

Anomaly Detection

- Detecting Anomalies in the S&P 500 Time Series index using LSTM Autoencoders with Keras in TensorFlow 2.

Industrial Production Forecasting

- Forecasting the Monthly Production of Ice cream and frozen dessert using various time series methods like Holt-Winters, ARIMA and SARIMA with Hyperparameter optimization.

Twitter Analytics with Python

- Scraping Twitter Data with Python-Twitter API and visualizing trends using WordClouds and TopicModelling.

Music Recommendation System

- Personalized Playlist using Collaborative Filtering along with Tree Maps visualizations.