Aadil Aftab Shaik

Machine Learning Engineer

ABOUT ME

I'm a self-motivated data science enthusiast who loves to solve complex machine learning challenges.

✉ aadil.aftab.sk@gmail.com

☎ +91 9000863960

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○ codename-hyper

kaggle codenamehyper

EXPERIENCE

Data Science Intern @ ineuron
Nov 2020 – Jan 2021

- *Presented BRD to the client to show how our AI model can help the bank.*
- *Presented HLD to the client explaining how my team is going to build the model.*
- *Done feature engineering, Feature selection and EDA on the data given by the client.*
- *Built an AI model that helps reduce the charge offs.*
- *Worked on UI development of the project.*
- *Dockerized the application and deployed on the company's server.*

Staff Writer @ analytics vidhya
Dec 2020 – Present

MY SKILLS

Python
Highly skilled in solving machine learning problems by using powerful libraries from Python.

NumPy
Experienced in utilizing NumPy for performing mathematical and logical operations on dataframes.

Pandas
Experienced in utilizing Pandas for feature engineering and feature selection.

Matplotlib
Skilled in Matplotlib for visualizing dataframes for EDA.

Seaborn
Skilled in Seaborn to visualize dataframes and cluster relations.

Scikit-Learn
Experienced in Sklearn for building, clustering, and tuning models.

Database
Experienced in PyMongo, MySQL and Hadoop to handle NoSQL, SQL, and Big-Data databases respectively.

Flask
Experienced in Flask framework for creating, debugging API, and doing slight UI work with HTML.

Web Scraping
Experienced in scraping web for data with help of requests, urllib, BeautifulSoup, and webdriver libraries.

OpenCV
Experienced in utilizing OpenCV for solving problems related to computer vision.

SpaCy
Experienced in utilizing SpaCy for solving problems related to NLP.

TensorFlow
Experienced in utilizing TensorFlow for creating ANN, CNN and RNN to solve machine learning problems.

Docker
Experienced in utilizing Docker to create, deploy, and run applications in containers.

EDUCATION

BCom in Accounts and Finance, *2019*
GITAM University

CERTIFICATIONS

- Deep Learning Specialization
- Excel to MySQL: Analytic Techniques for Business Specialization
- Introduction to Data Science in Python
- Applied Plotting, Charting & Data Representation in Python
- Applied Machine Learning in Python
- Mathematics for Machine Learning: Linear Algebra
- Mathematics for Machine Learning: Multivariate Calculus
- Python Specialization

Certificates - LinkTree

CHARACTERISTICS

- Flexibility and Adaptability.
- Self-Motivated
- Honesty and Integrity
- Quick learner

TECHNOLOGIES

- Linux
- AWS Cloud
- Heroku
- GIT

LANGUAGES

English
Professional Proficiency

Hindi
Native Proficiency

Telugu
Native Proficiency

INTERESTS

Statistics

Machine Learning

Deep Learning

Reading

Gaming

Music

MY PROJECTS

Bank Defaulter Prediction, *February 2020*

- Data cleaning was done.
- Logistic Regression was used.
- Flask was used to create a web API of the predictor and deployed on Heroku.

GITHUB   **APPLICATION**

Diabetes Prediction, *January 2020*

- Data cleaning was done.
- Random Forrest Classifier was used.
- Flask was used to create a web API of the predictor and deployed on Heroku.

GITHUB   **APPLICATION**   **MEDIUM**

Review Scraper, *December 2019*

- Mongo DB was used as database.
- Beautiful Soup was used for web scraping.
- Flask was used to create a web API of the scraper.

GITHUB

Sentiment Analysis, *April 2020*

- Data extraction was done from json file.
- Bag of words was used.
- Support vector machine, Decision tree classifier, Naïve bayes and Logistic regression was used.

GITHUB   **MEDIUM**

Document Scanner, *June 2020*

- Open CV was used.
- Image was processed and got its edges.
- Finally, image was warped to get the document.

GITHUB

Crayons, *August 2020*

- Open CV was used.
- Got the pen's colour and shape.
- Finally, Colour was drawn from the tip of the pen.

GITHUB

Malaria Detector, *Nov 2020*

- Data pre-processing was done.
- Convolutional neural network was used.
- Used data augmentation.

GITHUB