Shadab Hussain

Data Scientist

✉ shadab.cs0058@gmail.com
🌐 shadabhussain.com/
�
 github.com/shadab-entrepreneur/DataScience

📱 +91 9839261116
in linkedin.com/in/shadabhussain96
Ⓜ medium.com/@shadab.hussain01

WORK EXPERIENCE

Analyst- Data Scientist
The Math Co. ⇗

10/2019 – Present   *Bangalore, IN*

- Working for Airlines and E-commerce industry
- Building up innovative solutions for internal R&D team

Data Scientist
Proven Consult ⇗

05/2019 – 09/2019   *Bangalore, IN*

- Eagle Eye OCR- Developed an inhouse tool to process images/pdf for extracting data and applied NLP on it for further analysis
- Gender Classification- Built a CNN for classifying images of males and females and also scaled it for predicting age group
- Automated data processing from multiple sources on their RPA tool
- Automated data scraping for a client website, which also involved processing and extracting data from PDFs

Consultant
Pluralsight ⇗

12/2018 – 04/2019   *Remote*

- Reviewed and created blueprints and questions related to Data Science and Machine Learning Assessments

Systems Engineer
Infosys Ltd. ⇗

12/2017 – 05/2019   *Mysore, IN*

- Automated Machine Learning Certification- Developed an automated machine learning certification for Infosys internal certification.
- Automated Essay Scoring- Developed an essay scoring algorithm and implemented it to create a machine learning model. The model is used to score essays in Infosys training.
- Sales Forecasting- Cleaned and Processed Data, applied basic ML models, forcasted sales for next three months for the given Time Series data.
- Automated Image Captioning- Developed a demo model using ResNet50 architecture on Flickr8K dataset for generating captions of any input image.

EDUCATION

Post Graduate Diploma in Data Science
IIIT-Bangalore

09/2018 – 09/2019   *Bangalore, IN*

Bachelor of Technology- Computer Science
United Institute of Technology

07/2013 – 06/2017   *Allahabad, IN*

SKILLS

`Python` `SQL` `Machine Learning` `Data Analysis` `NLP` `Deep Learning` `R` `Kibana` `Apache Spark` `Tableau` `Flask` `AWS (Lambda, S3, EC2, RDS, Glue, Sagemaker)` `Google APIs` `Selenium` `PySpark` `Docker`

PERSONAL PROJECTS

Funding Management
- Designed a machine learning model via PCA & Clustering to identify the cluster of countries which needs funding for development

NYC Taxi Company
- Worked with BIG Data Analysis to enhance data of the trip information

Telecom Churn
- Designed a machine learning model via Tree Models to predict the Telecom churn and identify the customers who may leave the network

Beer Recommendation Engine
- Built a recommendation engine using collaborative filtering for recommending top liked beer for a particular customer

PUBLICATIONS

Assessment of Interpolation Methods for Solving the Real-Life Problem by Shadab Hussain, Vivek Srivastav, Srinivasarao Thota (2014) ⇗
International Conference on Mathematical Science and Applications

Quadratically Convergent Algorithm for Computing Real Root of Non-Linear Transcendental Functions by Shadab Hussain, Vivek Srivastav, Srinivasarao Thota, Sheeza Hafeez (2014)
National Conference on Applications of Mathematical and Engineering Sciences

A new Proposed Numerical Algorithm for Computing Real Root of Functions by Shadab Hussain, Vivek Srivastav, Srinivasarao Thota (2015)
National Conference on Emerging Trends in Physics of Fluids & Solids

TALKS/ACHIEVEMENTS

Python for Data Science at Electronics For You Conference, Bangalore in 2019

Tweet-Driven MozFest-Storytelling at Mozilla Festival, London in 2018

First winner in Open Source on Azure Hackathon organized by Microsoft & Govt. of Telangana at Hyderabad in 2016