## Shadab Hussain

Data Scientist

shadabhussain.com/

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medium.com/@shadab.hussain01

#### **WORK EXPERIENCE**

## **Analyst- Data Scientist**

The Math Co.

10/2019 - Present

Bangalore, IN

#### **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, II

- 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

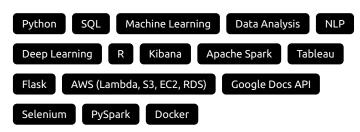
09/2018 – Present

Banaalore. IN

# **Bachelor of Technology- Computer Science**United Institute of Technology

07/2013 – 06/2017 Allahabad, IN

#### SKILLS



#### 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