Shahul Es

📋 24 January 1998

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🌐 https://shahules786.github.io/

Education ——————

B Tech Computer Science &
Engineering | Govt. Model
Engineering College | 2020 |
GPA:8/10

Class XII
Jama-ath Residential Public School |
2016 | 91%

Skills ——————

Languages: C, Python, SQL, Basics of
Java,C++
Data analytics : Exploratory data
analysis (Matplotlib, Seaborn, Plotly,
geopandas)
Data Science : Predictive analytics,
data mining, preprocessing, feature
engineering, modeling & prediction,
ensembling, PCA, SVD, LDA, t-SNE,
NLP, Classification, Regression,
clustering
Deep learning : Neural Networks,
CNN, LSTM, RNN , Unet , YOLO
Machine learning APIs : Keras,
TensorFlow, Scikit-Learn, NumPy,
SciPy, Pandas, NLTK

Operating Systems : Unix, Windows
Certifications: Data Science
Specialization by University of
Michigan
Deep learning Specialization by
Deeplearning.ai

Extra-Curricular —

Lead Organizer & Speaker @ School
of AI,Kerala
- Organized talks & workshops
- Brought industry professionals and
experts to guide students

Head of Analytic and Strategic team
@ Excel 2019 & Govt. Model
Engineering College
- Gained Valuable insights from data
- Applied it to publicize fests

Work Experience and Internships

Mar-Aug'19	Intern Data Scientist	Concepts.ai, Trivandrum

Build Reciprocity Recommendation Engine for Dating website.I was
responsible for creating core algorithms that power the recommen-
dations.I was also responsible for doing Exploratory data analysis to
gain valuable insights from data.
Technologies used : Python,ML tools,nltk

Apr-Jun'18	Application developer	Fourth-Ambit,Ernakulam

Worked as an application developer in Alumni-Reach project which
aims to build a platform that collects and displays achievements of
college Alumni.
Technologies used: Python,Mongo db,Node.js

Research and Projects

Oct'19 — Early warning system for financial organizations.
This product aims to provide an early warning system for banks.
Banks can verify and easily analyze the risk associated with their
clients. Our system aims to automate the process risk analysis. This
leads to better business without losing the credibility.

May-Jun'19 — DSFG: City of LA
Data science for good,City of LA was an analytic competition launched
in Kaggle by City of LA mayor. The task was to clean and analyze the
data provided to improve the work quality and promotion system of
Los Angeles. My solution facilitated the removal of biases from job
postings and provided better readability of job postings leading to
better employee quality.

Jun-Aug'19 — In IEEE fraudulent transaction detection challenge
I took over the task to balance the imbalanced data and provided
and exhibited various methods and their effect on the evaluation met-
ric.Anomaly detection of this data yields better accuracy and hence
avoiding fraudulent transactions. This helps customers from losing
money and brings better credibility to banks.

Jul-Aug'19 — Understanding Clouds patterns from Satellite images
In this project my aim was to remove haze from climate models and
bring clarity to cloud type identification. Implemented Keras Unet
segmentation models.This will help scientist to better understand
clouds and climate change.

Achievements

Kaggle Master
Became the first Kaggle Master from the state of Kerala.Kaggle is the
world's largest open-source platform for Data science enthusiasts.

Ranked in Kaggle top 50
Ranked as 39th in Kaggle World wide ranking system (Out of 100k+
users).

Fayz.in
Was featured in fayz.in,which is the largest canvas for youth in India.

MOOCs

MOOCs — Applied Data science specialization by University of Michigan

Currently pursuing final course of Deep Learning Specialization
on Coursera.

References

https://www.kaggle.com/shahules
https://github.com/shahules786