SHANTANU PATIL

Phone: (+91) 9158121986 shantanu.patil09@gmail.com.
https://github.com/shan-96 Pune, India

Self-motivated individual with experience in software development and data science with knowledge of financial instruments especially in Commodity and Capital Markets.

EDUCATION

B. Tech National Institute of Technology Delhi May 2018
CGPA – 8.17

Certification Springboard Machine Learning Engineering Career Track March 2020

WORK EXPERIENCE

Triple Point Technology, ION Group June 2018 to Present
Software Developer

- Working on heavy throughput risk management engine
- Created Spark and Avro based Reconciliation Tool

Fidelity International June 2017 to July 2017
Software Development Intern

- Worked on Investment recommendation engine for entry level fund managers

RESEARCH EXPERIENCE / PUBLICATIONS

Author
Medical Diagnosis of Ailments Through Supervised Learning Techniques on Sounds of the Heart and Lungs,
Soft Computing and Signal Processing Vol 2, 2018
Springr Publications

SKILLS

Programming Languages
Python, Java, Scala

Technologies & Services
AWS, GCP, ELK, Jenkins, NoSQL.

Frameworks & Libraries
TensorFlow, Scikit-Learn, Pandas, Dask, TPOT AutoML
Apache Spark, Avro, Spring, PySpark, PyMC3

PROJECTS

PREDICTING FRAUD IN FINANCIAL PAYMENT SERVICES
From a Kaggle dataset determine and build a fraud detection model for Payment Data of online users for financial services
https://www.kaggle.com/ntnu-testimon/paysim1

GESTURE IDENTIFICATION FROM VIDEOS
A combination of SVM and GAN to determine gestures in groups of people to identify rioters and stone pelters via frame by frame motion capture of videos

WIKI LANGUAGE MODEL USING LSTM
An LSTM Neural Network for wiki topics and auto generating paragraphs for them

FLASK BASED AWS ELASTICBEANSTALK API FOR SUPER-RESOLUTION IMAGING
A flask API to convert your local low-resolution image to high resolution compatible with mobile browsers and fully responsive UI that gives results in real time

LABEL LEARNING WITH LSTM AND ULMFiT
This project scraps comments from JIRA tickets on a web portal and labels them with proper resolution taken

MUTLILEVEL SVM FOR CANCER DETECTION
Cancer Detection Algorithm with Hierarchical Multi modelled SVM

SENTIMENT ANALYSIS WITH NAMED ENTITY RECOGNITION
Find sentiment and entity names of text review using NLTK in python

RFM ANALYSIS USING GOOGLE ANALYTICS BIG QUERY EXPORT SCHEMA
A demonstrative RFM analysis using Big Query to understand customer segmentation

All project Details are available here:

https://www.linkedin.com/in/shantanu-patil-21a42b121/

And, on Git Repo

https://github.com/shan-96

POSITIONS OF RESPONSIBILITY

Co-Convener
TerraTechnica 2017, Annual Tech Fest NIT Delhi

HOBBIES

Teaching
Basketball

REFERENCES

Mr. Kamal Kant Sharma,
Director
Amdocs
Gurugram, India
Email: kamal.kant@amdocs.com