SHANTANU PATIL

SOFTWARE DEVELOPER

PROFILE

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

CONTACT

PHONE:
+91-9158121986

WEBSITE:
https://shan-96.github.io

EMAIL:
shantanu.patil09@gmail.com

HOBBIES

Teaching
Basketball

EDUCATION

NATIONAL INSTITUTE OF TECHNOLOGY DELHI
Bachelor of Technology
Computer Science and Engineering, 2014 - 2018
CGPA – 8.17

WORK EXPERIENCE

Triple Point Technology, ION Group [Software Developer]
June 2018 – Present

PROJECTS UNDERTAKEN

- *TriplePoint Valuation Service: Heavy throughput risk management engine*
- *Reconciliation Assistant: Spark & Avro based analytics tool*

Fidelity International [Software Development Intern]
June 2017 – July 2017

PROJECTS UNDERTAKEN

- *InvestSense: Investment recommendation engine for entry level fund managers*

RESEARCH

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

SKILLS

Languages: Python, Java
Frameworks and Technologies:
TensorFlow, Apache Spark, Avro, Hazelcast, ELK, Scikit-learn, Spring, Dask, TPOT AutoML, Jenkins

DATA SCIENCE 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 Artificial Neural Networks 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

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 Heirarchial Multi modelled SVM

SENTIMENT ANALYSIS WITH NAMED ENTITY RECOGNITION

Find sentiment and entity names of text review using NLTK in python

All project Details are available here:

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

And also, on Git Repo

https://github.com/shan-96