PRIYANSHU S SINHA

DATA SCIENCE ENGINEER

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OBJECTIVE

A Data Scientist having ability to articulate with both technical professionals and end users to identify and translate business requirements into actionable project plans. Graduated in Data Science and Engineering (DSE) from Great lakes, I have worked on a myriad of datasets where I performed data cleansing, feature engineering, building models, data analysis and data visualizations.

EXPERIENCE

Aug'19 - present
Data Science Engineer, Sumyag Datascience Pvt. Ltd.
My responsibility is to develop and maintain the end-to-end pipeline of Document Extraction in various domain.
Worked on following domain:

1. Insurance:
    a. Extracting all the important information like policy period, limit, deductibles, retro dates, litigation dates etc. from various types of document like prior policy, current policy, proposals etc.
    b. Comparison between prior and current term policy
    c. Average documents processed are 14K per month.
    d. Trained on 24000 files compromising average 30 pages per document.
2. Automobile Bill claims:
    a. Extracting all the key information from the automobile claim bill like customer name, address, agent name, claim date, various amount etc.
3. Learning Pipeline:
    a. Build an automated pipeline for model life-time renewal.
    b. Improves overall accuracy to 94-96%.
    c. It updates the Bayesian Models periodically on the basis of the Week, Month and Quarter.
    d. Average files processed per week are 2300.

Technologies Stack:
    Python, Machine Learning, Natural Language Processing, EC2, S3, Deep Learning

EDUCATION

1. Great Lakes Institute of Management, 2019
Bangalore,
Karnataka,
Post-Graduation Program in Data Science Engineering with 81%
Major:
- Python
- Data Science
- Statistics
- Machine Learning Algorithms

2. Sir M Visvesvaraya Institute of Technology, 2014 - 2018
Bangalore
Karnataka,
Bachelor in Engineering in Electrical and Electronics.

3. Kendriya Vidyalaya, 2001 - 2013
Kanpur
Uttar Pradesh
Completed class 10th and 12th with science stream (Physics, Chemistry, Math)

Jan'19 – Mar'19
Machine Learning Intern, OpenGenus Foundation
My responsibility was to write education content blog on various topic of Machine learning, Data science and deep learning like convolutional neural network, LSTM (long short-term memory) Lidar data processing etc.
Link: Blogs on AI (ML, DS, DL)

PROJECTS

1. Document AI
2. Predicting Salary of Candidates (PGP final project)
3. Quiz AI
4. Face Detection
5. Emotion Detection
6. Chronic Kidney Disease Prediction
7. Power Consumption Prediction
8. Sentiment Analysis
9. Walmart's Sale Prediction
10. Breast Cancer Prediction
11. Handwritten digit Prediction
12. Home Automation using Raspberry Pi (4th year engineering project)
13. Various Kaggle's Dataset analysis

CERTIFICATION

1. Specialization certificate in Deep Learning offered by deeplearning.ai and Coursera (Taught by Andrew NG).
2. Applied Machine Learning in Python offered by University of Michigan and Coursera.
3. Certified Python programmer (level: Advance) offered by HackerRank.

KEY SKILLS

- PYTHON
- DATA ANALYSIS
- MACHINE LEARNING
- DEEP LEARNING
- NLP, NLU
- LSTM
- JUPYTER NOTEBOOK
- PYCHARM
- CONVOLUTION NEURAL NETWORKS
- NUMPY
- PANDAS
- SCIPY
- SCIKIT-LEARN
- KERAS
- TENSORFLOW
- SPACY
- NLTK
- STANFORD NLPCORE
- PYCARET
- PYTORCH
- EC2
- S3