ASHISH DHADWAL

Address: 74 Pink Apartment, Sector 18B, Dwarka, Delhi-110075, India
Phone: +919818293598,9654422371; Email:adhadwal3@gmail.com

Overall 4.4+ years of experience in Deep learning and Machine learning.

PROFESSIONAL EXPERIENCE

Data Scientist, Apsi Data Solutions,Noida,India
Duration: Dec 2018 – Present
Creator of Tools like Textrics,convlu
Working on ,Deep learning,NLP ,Video Analytics ,Image Detection with Text and Artificial Intelligence algorithm designing and implementation for different products.
Deep learning -CNN,RNN,ANN,DNN,Stacked and Un-stacked Neural networks.
Text Mining -TF-IDF,Glove Vectors,Word2vec, Spacy ,Nltk,Stanford NLP,
Backend development on aws ,git ,docker for AI products,server deployment .
Rest API using DJANGO ,Flask
Computer Vision:opencv,OCR,pytesseract,Object Detection
Data Mining ,Text Mining ,Topic Modelling,Text Classification ,Chat bot,Transfer learning and Text Generation.
Database designing such as sql,mongodb.

 Projects:
- **NLP API- Apsi Data Solituons(Textrics):-**In this project my main aim was to build full scale NLP Engine which will generate **Sentiments** using BI-LSTM,**TAGS** ,**INTENT,NER,ABUSIVE and NON ABUSIVE ,EMOTION** using Deep learning.I build full stack application in django and tensorflow .I was responsible for data generation ,training,deployement of models, Training and testing with different RNN techniques. It was successfully deployed on AWS.Retraining of model was also added to our Sentiment API by transfer learning. You can check at **textrics.ai.**
- **AI Survey Chatbot using RASA(CONVLU):-** Build Chatbots platform using RASA.All inputs were coming from front end and chatbot is created on different ports in single platform like whatsapp,Facebook and slack. I design algorithm that will create separate bots for each user .Then I transform this platform in to survey platform which can use to design survey for whatsapp ,facebook,slack in the form of chatbot .This way I automate the process of survey programming which lead to less dependency decipher,confirmit of our company.Now we had more than 10 clients which are using tool as in enterprise mode.Right now we are working on launching it as a full scale application to world so that any user can use this platform to build surveys after the feedback receive from enterprise users.
- **OCR NLP API 1-Apsi Data Solutions:-**This was first ocr project that we had worked .Main objective was to extract text from tabular invoices using OCR ,CNN and pytesseract, .The application was given to client using pyinstaller and Full scale application was deployed on AWS.
- **OCR NLP API 2-Apsi Data Solutions:-**In this API our main objective was to extract data from videos recording of driver's .First we identify the field and patterns that we need to extract .First we trained particular field in CNN to find the prediction of labels that we need to extract. It was done using CNN ,OCR and pytesseract. API was built on backend and handover to client for front end development.

Executive (Data Science), Cox and Kings Private Limited, Gurugram, India
Duration: May 2016 - April 2018
- Handle 130 vendors data which consist of 3000 vehicles includes there permit, registration number, Insurance.
- Managing profitability reports of different business units.
- Quality control of all the transport fleet.
- Used GRETL & Tableau Software for data analysis of different business units.
- Rate updation and correction of 4500 programs on Ripple 8 Interface.
- Prepared presentation of Cox and Kings for special projects.

- Prepared Cox and Kings Proposal for sales team through data analysis,Machine Learning(Time Series ,Regression,KNN,XGboost).
- Handle business travel booking resulting in revenue growth of nearly 100%.

Projects:
- **Predictive Analytics on Marketing Campaign –Cox and Kings :-**Our main objective is to find which user will get effect from Marketing campaign and buy the product .This is supervised learning method in which we used Random forest techniques to find which user will buy product from marketing for products.
- **Recommendation engines for sales –Cox and kings :**In this we used KNN algorithm to find which type users will buy the products based on climate and age groups .
- **Data Base Management and Data Analysis of Transport Team:-** My role is to collect the data of transport in India, Maintain their fleet and Perform Data analysis on sales of transport department.Prepare reports on customer feedback using NLP and Textblob .

TECHNICAL SKILLS
Python 3: Data Visualization library (ggplot, matplotlib,seaborn), Data Manipulation-Cleansing-Mugging, Exploration(NumPy, Pandas, scikit), Predictive modeling for Supervised and Unsupervised Learning (Decision Tree, Random Forest, Linear Regression, Logistic Regression,SVM),DNN,RNN,CNN,LSTM ,NLP and Text Mining ,pyqt,Tkinter,opencv ,OCR, RASA
Frame work : Tensorflow,sklearn,Pytorch,Theano
Web Application Tools: GIT Hub, Jupyter Notebook,GIT Bash,Flask,Django ,Docker
Data Analytical Tools:GRETL, Tableau,Spyder,Advance excel,Scipy,SKlearn,Matplotlib
Database Skills: MySQL 2014 SSIS via SSDT -BI with MSVS Shell, SSRS,Mongo DB
Platforms: Windows 10, MS Office 2014,MAT LAB.

ACADEMIC QUALIFICATION
Bachelor of Technology in Electronics and Communication Engineering, World College of Technology and Management, Gurugram, India. August 2010 to June 2014.

Certification:
- Completion certificates by Udemy for Courses like Python Bootcamp, A-Z Data Science, Machine learning Using Python, Python for developers, Python Bootcamp for machine learning and Data Science,Tableau Course of Data Science .
- Course Completion certificates by Coursera for Courses like Data Visualization with Tableau, Improving Deep Neural networks ,Neural Networks and Deep Learning, Structuring Machine Learning Projects ,Convolution Neural Networks ,University of Alberta Product Management**.,Machine learining with Google cloud**

- Udacity **Fullstack Developer NanoDegree,Data Scientist NanoDegree,Deep learning NanoDegree,Computer vision**

COMMUNITY SERVICE

Active member of Blood donation camps organized by the Rotary Blood Camp.
LinkedIn Profile: https://www.linkedin.com/in/ashish-dhadwal-1ba04864/

Git hub: https://github.com/AshishDhadwal

Tableau: https://public.tableau.com/profile/ashish.dhadwal#!/