



aman chourasia

Featured

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Data Scientist with 12 years of total exp (7 yrs in ML/NLP/DeepLearning). Expertise in building and delivering end to end AI solutions(from PoC to Production).

Current Designation: Manager - Data Scientist IoT

Total Experience: 12 Year(s) 0 Month(s)

Current Company: Michelin

Highest Degree: B.Tech/B.E. [Plastics]

Current Location: Pune

Pref. Location: Pune,Canada,United States (US)

Functional Area: IT Software - Application Programming / Maintenance

Role: IT/Networking-Mgr

Industry: Tyres

Marital Status: Married

Key Skills: Deep Learning,Machine Learning,Python,Tensorflow,Keras,Linear Algebra,Data Structures,Algorithm Development,MongoDB,Linux,Data Scientist,Statistical Modeling,Predictive Analytics,Natural Language Processing,Azure ML,OpS,Microsoft Azure,ML Ops

Verified : Phone Number | Email - id

Last Active: 22-Jan-21

Last Modified: 22-Jan-21

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## Summary

With 12 years of total exp (7 yrs in ML/NLP/DeepLearning). Expertise in building and delivering end to end AI solutions(from PoC to Production) . Currently trying to build solutions by gathering quantitative insights from semi trailer fleets data. Built model for recommending most appropriate journals for the rejected articles. Created models for Key Phrase extraction(seq2seq model), Nano particle and meta data extraction(sequence tagging) from the scholar documents. Built emotional classification engine to identify emotions associated with webpage texts.

## Work Experience

- Michelin** as Manager - Data Scientist IoT  
Sep 2019 to Till Date
  - Performed Quantitative Analysis on Geo-Spatial Data gathered from telematic sensors in Trailers.
- Springer Nature, Innovation Labs** as Data Scientist  
Nov 2016 to Aug 2019
  - Journal Recommendation for rejected articles using sentence embedding + Bidirectional LSTM + Attention.
  - KeyPhrase Extraction and Generation using RNN Encoder - Decoder model + Attention + CopyNet.
  - Reference Author Extraction using Bidirectional GRU + CRF.
  - Author Affiliation information identification and tagging from the scholar documents using CRF (conditional random field).
  - Gold data preparation were performed using smithwaterman algorithm.
- Ebex** as Senior Software Developer  
Jun 2015 to Nov 2016
  - Emotion classification on web-texts
  - Identification and classification of web elements
  - Named entity recognition for information extraction from the web page
  - HMM classifier for multi-channel attribution problem
  - Web scraping using scrapy
  - Django integration of the classifier API

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## Education

UG: B.Tech/B.E. (Plastics) from **Birla Institute of Technology (BIT), Ranchi** in 2008

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IT Skills

Skill Name	Version	Last Used	Experience
MACHINE LEARNING			
NLP			
Deep learning			
Probabilistic Graphical Model			
Python			
Linear Algebra			
TensorFlow			
Pyspark			
probability & Statistics			
Linux			
Mongodb			
Data Structure and Algorithm			
CRF			
Keras			
JAVA			

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Languages Known

Language	Proficiency	Read	Write	Speak
english	Expert	✓	✓	✓

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Affirmative Action

Category: **General**  
Physically Challenged: **No**

Work Authorization

Job Type: **Permanent**  
Employment Status: **Full time**

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