INDRESH BHATTACHARYA

Data Scientist

(https://linkedin.com/in/indresh-bhattacharya/



ABOUT MF

A self-motivated, tech-savvy and result oriented professional who always looks for opportunity to exercise creative and innovative ideas to make contribution to the development of the organization. Experienced in creating end-to-end Analytics solutions.



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CORE COMPETENCIES:

Statistical and Predictive Analysis	
Machine Learning	••••
Deep Learning	
Natural Language Processing	
Natural Language Understanding	
Computer Vision	••••
Image Processing	
Cloud Computing	

EDUCATION

2016-2018

MASTER OF COMPUTER APPLICATION (Data Science & Analytics)

Vellore Institute of Technology (VIT Vellore)

2013-2016

B.SC. COMPUTER SCIENCE APC, WBSU, West Bengal

EXPERIENCE

Present

DATA SCIENTIST

Synerg-tech

- Coordinated a team of 10 data scientists working on 5 different projects. Across 2 different locations.
- Developed and Deployed models for processing financial document, achieving a 30% improvement in Finance team's response time.

2019-2020

MACHINE LEARNING ENGINEER

- Created and deployed various Natural Language Understanding Models for the Google Ads which reduced the error rate for the agents from 9% to 2% in the Quarterly reports
- Coordinated a team of 4 Engineers
- Consulted with client for accessing data from locations across globe to access Agent-Altas interaction data

2018-2019

ASSOCIATE MACHINE LEARNING ENGINEER Virtusa

- Creating Optimizing and debugging machine learning models like Churn prediction, Loan prediction, credit card recommendation.
- Developing end- to end solutions
- Use machine learning techniques and statistical methods to conceptualize solutions

SKILLS

TIME SERIES FORECASTING

AIRFLOW **SPARK** SARIMA **PYTHON** DOCKER NUMPY **FLASK** SKLEARN **SCIPY PANDAS** GENSIM DJANGO MYSQL API MONGODB **TEXTBLOB** ARIMA **SPACY** DASH **NLTK PYTORCH KERAS** TENSORFLOW GAN ANN

CNN

PYMC3

PYRO

PROJECT TIMELINES FORECASTING INTEREST NAMED ENTITY RECOGNITION USING OCR RATE CHANGES (LIBOR VS for FINANCIAL FORMS OTHER RATES) 2021 DISTRIBUTED ARCHITECTURE **FRAMEWORK** FINANCIAL DOCUMENT **CLASSIFICATION** 2020 AUTOMATIC DOCUMENT FINANCIAL DOCUMENT EXTRACTION **TAGGING** (TABLES, NOTES, HEADERS, PARAGRAPH) **GOOGLE ADS VALIDATION** GRAMMERTICAL ERROR **FRAMEWORK** CORRECTION PLATFORM 2019 **DATA QUALITY PLATFORM** SYNTHETIC IMAGE **GENERATION** 2018 DATA LINEAGE AI-CELERATE (DATASCIENCE PLATFORM) UTILITY