

Navnath Harihar

Data Scientist

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Profile Summary

5 years of experience in Data Science with the ability to work on large size data and Machine learning algorithm development to solve real-world business problems Highly adept at machine learning technique clustering and classification, statistical modelling, NLP, Applications, Text Extraction, Chat bot development, text analysis, Big data and data visualization to increase business efficiency.

Key Skills

- Machine learning - Regression, classification, clustering algorithm ,Neural networks, LSTM, RNN, Transformer, BERT model, Statistical modelling technique
- NLP - Text classification, NER, Text generation, Language detection, custom chatbot development, Auto ML - TPOT, Auto Keras, Auto SK learn.
- Chatbot framework-Google Dialogflow, RASA, Custom Chatbots, Wit.ai
- Cloud- AWS sagemaker, S3, EC2, GCP
- Python -SciKit-learn, Pandas, NumPy, NLTKCore NLP, gensim, Spacy, Tensorflow, Pytorch, Flask
- Big Data- HDFS, Hive Plg, Spark SQL, Cloudera distribution, SQL

Education

01/2017 Pune, India	Post Graduate Diploma in Big Data Analytics, Seed Infotech Successfully completed with Grade-A
06/2015 India	Bachelor of Engineering in E &TC, <i>Sinhgad Institute of Technology, University of Pune</i> Successfully completed with 63.7%

Professional Experience

01/2021 – present	Data Scientist, Acquire.io <ul style="list-style-type: none">• Extract data from knowledge base and chat history for data process by NLP libraries and provide to annotation team• Build intent classification and NER model for chatbot builder .benchmarking of model on standard datasets.build API for backend connection• Build FAQ suggestions and generation for agent as per client requirement, build API for application and deploy on R5 instance• Build article suggestions from client knowledge base article• Build language detection model to detect chat utterance and make EDA report for sales and analytics team• Build MVP for product features and present to product manager and team to implement new feature for product
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11/2020 – 01/2021

Machine Learning Engineer, Youcreate Technologies, Pune

- Worked on chatbot framework using an open-source tool like RASA stack. Implemented Natural Language Processing in chatbot development for various business cases
- Developed AI framework for employers for recruitment and hiring candidate with 96% accuracy. Screening, Parsing, Ranking and analysis of resumes to get the best matching resumes. Developed it using various information extraction and NLP libraries
- Scraped data from sources and store on AWS S3 bucket, process data in various Python, NLP libraries and use different Machine learning modeling for required project

10/2017 – 11/2018

Associate Software Engineer, Youcreate Technologies, Pune

- Completed Robust EKYC Documents Information extraction and validation system using OpenCV and Tesseract
- Delivered chat-bots in technology 'Dialogflow' on Google Cloud Platform (GCP). Using customized NLP pipeline and Deep learning (TensorFlow) for the client to streamline their customer relationship management (CRM).
- Worked with Data Scientist and Team Member on a variety of problems in search/information retrieval, Natural Language Processing, data enrichment, text mining, and machine learning algorithm implementation.
- Worked to end-to-end software delivery project with hands-on experience in Text analysis, design and implementation of complex, custom-built applications.
- Analysed large number of online reviews using Natural Language Processing for review summarization, sentiment analysis and product feedback

01/2017 – 09/2017

Data Science Intern, Youcreate Technologies, Pune

- Collected Data using a tool like Etracker and analysed in Apache Hadoop for data-insights, marketing strategies, drive revenue, identify product opportunities
- Gained a solid understanding of machine learning and data mining concepts with supervised and unsupervised learning methods such as Regression, Decision Tree, PCA, Clustering, etc
- Learned to design lean proofs of concepts (POC) to answer targeted business questions. Explored and worked with a wide range of proprietary, interesting data stores performed ETL & learned to apply existing algorithms
- Developed predictive modeling, statistics, data mining and other data analysis techniques to collect, explore and extract insights from data

Personal Information

Name	: Navanath Bharat Harihar
Nationality	: Indian
Marital Status	: Single
Address	: Pune
Passport	: T0318506

Declaration

I hereby declare that the above information is correct to the best of my knowledge

Pune