

HARSHMEETSINGH CHANDHOK

Enthusiast Data Science Learner, eager to contribute to team success through hard work, attention to detail and excellent organizational skills. Clear understanding of data science concepts. Motivated to learn, grow and excel in the Data Science Industry.

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Skills

| Data Science | Chatbots (RASA) | Machine Learning | Natural Language Processing | Python | Deep Learning | SQL | Data Analysis | Flask & Heroku | Web Scraping | Data Visualization | C and C++ | Data Structures | Neo4j & TigerGraph | HTML & CSS | R Shiny Reticulate | Streamlit | Docker | Dash

Experience

- OLA - Data Scientist - 1** (MAR 2022 - Present)
- OLA - Associate Data Scientist** (SEP 2021 - MAR 2022)
- OLA - Data Science Research Intern** (MAR 2021 - SEP 2021)
1. Built a Multilabel Issue Classification model (used different ML, DL algorithms, BERT and embeddings like TFIDF, Word2vec, GloVe, FastText) for a CRM tool with **F1 94.56%** and did topic modeling using **LDA** and used **flask** to deploy.
 2. Built Range prediction model for electric scooter with **RMSE of 3.1**
 3. Built smart AI-based end to end chatbot for ola electric website using **RASA**.
 4. Built an Abusive to Non abusive text transfer pipeline using **MBERT** which works for **Hinglish** sentences too and later a patent was also filed over this.
 5. Built Realtime Pipeline for extracting EV data using **SPARK** which generated analyzed data and **used by all teams across OLA** . Used Google Sheets and Drive API, Airflow. Same setup used in **Android App** and connected it using **Firestore**.
 6. Built automated script for Monitoring Electric Vehicle Data Usage using **JIO API** and **Sheets API**.
 7. Built a pipeline to autotag multi label customer query issues using **BERT** and **Zendesk API** saving manual tagging effort.
 8. Built a Driver segmentation model on the basis of EV data.

KaviRam AI - Data Science and NLP Research Intern (JUN 2020 - MAR 2021)

Worked with U.S Data scientist, on multiple projects like building an application which provided conversation between doctor and patient and generating the standard SOAP note, and deployed it on a website and on a cloud server using Flask and Heroku.

Other Experiences

Tata Consultancy Services (TCS) -	<i>Data science Intern</i>	(JUN 2020 - AUG 2020)
SmartData Enterprises -	<i>NLP Consultant</i>	(FEB 2021 - MAR 2021)
Diligence Tech -	<i>Python Developer Intern</i>	(OCT 2020 - NOV 2020)
SpadeEMS Pvt Ltd -	<i>Data Science Intern</i>	(JUN 2020 - AUG 2020)
Naaniz Foods and Beverages -	<i>Machine Learning Intern</i>	(MAY 2020 - JUN 2020)
College of Engineering Pune (COEP) -	<i>Social Network Research Intern</i>	(NOV 2019 - DEC 2019)

Education

DKTEs TEL, Ichalkaranji - B.Tech in Computer Science and Engineering (AUG 2017 - JUNE-2021).

Filed Patent

Detection and Replacement of Abusive Content for Politeness Transfer (Application number- 202241032243)

Projects

1.Voice Prescription

This project deals with a fully automated system which can create prescription in particular format on the recorded voice conversation between a Doctor and a Patient ,and further the prescription can be mailed to the Patient

Key points - Speech Recognition, NLP, SMTP, Python, Flask, HTML, CSS, Bootstrap

2.Rumour Detection on Twitter Data

Project purpose - This project mainly classifies tweets from twitter into rumor and non-rumor.Key Benefits - Rumors spread easily so to know the difference between fake news and real news efforts will be saved by using this model.

Key points - Twitter developer account, Bayesian classifier, CNN with LSTM, Machine Learning, Deep Learning, Python.

Other Projects

| Game recommender system | Toxic comment classification using BERT | Web app for real time fraud detection |
Diabetes prediction using BRAF(Biased Random Forest) | Food-O-Bot from scratch with Zomato API and Pytorch |
PyWhatsapp- Automatic sending files using Selenium | Rshiny app for table extraction from PDF

Research Papers

[Towards Assimilating and Reconciling Customer Pain Points of Food Delivery and Logistics Industry: A Design Science Approach](#)

AI Scribe Detailed and SOAP note generation Health Care (Ready to be sent for review)

Voice Prescription Healthcare (Ready to be sent for review)

Contact Tracing Covid -NLP (paper sent for review)

Certifications

- IBM Data Science Professional Certificate, Deep Learning Specialization and Machine Learning(COURSERA)
 - Neo4j and TigerGraph certified
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Accomplishments

- First Prize in Hackathon 3.0- 24 hour offline hackathon arranged by Ineuron.ai and MuSigma won prize **2 lakhs**
- Runnerup in Devpost Hackathon on Machine learning won prize worth **200 \$**
- Runner-up in Codersbit arranged by InterviewBit Academy(now SCALAR ACADEMY) (Institute level) and **#209** in Codersbit Finale (All over India).
- Runnerup in Code-A-Thon national level techsymposium coding contest
- First Prize in Intercollege Coding Contest - Codestorme
- Runnerup in Blind- C Intercollege Coding Contest