

PARITOSH RAIKAR

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CAREER GOALS

Aspiring Data Scientist with good exposure to key analytical tools and unearthing actionable insights from disparate and diverse data sources. Keen to take on challenging opportunities calling for strong conviction and competence to dive deep into the living waters of Data Science. Wish to work and grow in a collaborative space devoted to using mathematical concepts for machine learning. My ultimate goal in life is to make ML as relevant to humankind as possible.

EDUCATION

[CHRIST \(DEEMED TO BE UNIVERSITY\), BANGALORE](#)

Master of Science in Data Science

Aug 2021-June 2023

CGPA 3.49/4.0

[FERGUSSON COLLEGE, PUNE](#)

Bachelor of Science in Statistics

June 2018-June 2021

CGPA 9.29/10

EXPERIENCE

[IHX PRIVATE LIMITED](#)

Bangalore, India

Intern- Data Scientist

Jan 2023- May 2023

- Using NERs like SciSpacy & MedCat to extract key actionable entities from discharge summaries.
- Page segmentation aimed at drastically reducing claim processing times with **94% accuracy**.
- NLP models for document classification as well as a custom model which was a combination of EfficientNet and FastText.

[MAKER'S NEST, DHWANI LIFE SCIENCES](#)

Bangalore, India

Data Science Intern

May 2022- Oct 2022

- Leveraged data visualization tools like **Tableau & PowerBI** to make clear and concise visual data representations.
- Authored thought paper on the essence and significance of AI in genomics.
- Trained Word2Vec and GloVe models on medical data.

[JP MORGAN CHASE](#)

Bangalore, India

Data Science Intern

Jan 2022- Apr 2022

- Completed a Time Series Project implementing the state-of-the-art '**Attention-based Transformers**' approach in forecasting.
- Achieved **88% accuracy and 90% recall** in predictions.
- Employed a Custom Vision model using YOLO and Faster RCNN.

SKILLS

LANGUAGES: Python, R, SQL

PACKAGES/LIBRARIES: Pandas, NumPy, Seaborn, SciPy, Matplotlib, Scikit-learn, BeautifulSoup, MLlib, ggplot2, gmodels, NLP, Reshape2, plyr, PyTorch, EfficientNet, FastText, OpenCV, Scikit-Image

NATURAL LANGUAGE PROCESSING: Experienced in developing and implementing NLP algorithms, such as sentiment analysis, entity recognition, and topic modeling, using frameworks like NLTK, Spacy, and Gensim.

MACHINE LEARNING: Skilled in developing and implementing machine learning algorithms, such as linear regression, logistic regression, random forests, and neural networks, using frameworks like scikit-learn, TensorFlow, and PyTorch.

DATA ANALYSIS: Proficient in using SQL, Pandas, and NumPy for data cleaning, manipulation, and analysis. Experience with data visualization tools such as Matplotlib, Seaborn, and Tableau and have worked on QlikSense across internships.

SOFTWARE DEVELOPMENT: Experienced in development and deployment using micro-frameworks like Flask and Django using Python and familiar with version control tools like Git. Have Experience using GCP and AWS.

COMMUNICATION: Strong verbal and written communication skills. Comfortable collaborating with cross-functional teams and presenting technical information to non-technical stakeholders.

PROJECTS

MEDLEDGER | Medical Ledger imitating Blockchain | Python and Flask

TEXTTRACTER | Custom Vision Model to extract text from Images | PyTesseract, EfficientNet, FastText

EMOTION ANALYSIS WITH RESPECT TO UKRAINE RUSSIA WAR | Sentiment Analysis using NLP | Python

Style-NER | NER to extract trends from fashion magazines | Spacy