

Deepak Sheoran

(Junior Data Scientist/AI/ML Engineer)

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📍 Chandigarh, IN

SUMMARY

Data Science Intern having **1+ years** of experience in applying **AI/ML** techniques and whose functionality crosses over between **Machine Learning, Deep Learning and Statistics** with a focus on **NLP**.

EXPERIENCE

- **Machine Learning Intern** Hyderabad, IN
PurpleTalk May 2021 - Present
- **Data Science Intern** Bangaluru, IN
iNeuron.ai - AI Company Nov 2020 - Mar 2021
 - **DL Framework:** Developed an end-to-end framework for training, testing and deployment of DL models with a team of 8 developers (**Python, NumPy, Pandas, Keras, TensorFlow2**)
 - Involved in creating various regression and classification algorithms by using **scikit-learn** such as **Linear Regression, KNN, SVM, Random Forrest and XGBoost**

EDUCATION

- **Chandigarh University** Mohali, PB
B.Tech in Computer Science-Honors in IBM Big Data Analytics: CGPA 7.2/10 Aug. 2016 – Sep. 2020

PROJECTS

- Hand Detection - Shredder Machine Saftey** | *Python, Deep Learning, OpenCV, Object Detection*—
 - Detects the hands either open or closed and generates an alert sound if the hands crosses the saftey line.
[GitHub](#)
- Fine-tuning BERT for Sentiment Extraction** | *Python, NLP, Flask, PyTorch, Docker*—
 - The Model predicts a given sentence is either positive or negative and the is served using FLASK API
[GitHub](#)
- Attendance System Using Facial Detection** | *Python, DL, Object Detection, Object Recognition*
 - Detects the Person, if present in the dataset then model Recognizes him according to his facial features and marks his attendance by saving it in Excel file.
[GitHub](#)
- Flight Price Prediction** | *Python, Machine learning, Flask, Heroku*
 - The model predicts the fare of flights based on certain inputs by the user.
[GitHub](#)

SKILLS

- **Technical Skills** - Python (Numpy, pandas, skikit-learn, matplotlib), Machine Learning, Deep Learning, Computer Vision, NLP, OpenCV, spaCy, and Transformers.
- **Databases** - My SQL, NoSQL, MongoDB
- **Deep Learning Framework** - PyTorch, Keras, Tensorflow 2
- **Web Framework** - Flask REST API
- **Data Visualization** - Tableau
- **Platforms** - Linux, Git, Docker, Pycharm,
- **Cloud Environment** - AWS (EC2, Lambda) and GCP (Beginner)

FUNCTIONAL RESPONSIBILITIES

- Involved in **Feature Engineering** Techniques for making the data useful for creating Machine Learning models.
- Owned and executed end to end multiple **Data Science Projects**
- Hands-on experience with **Data modeling and Data Transformation** : Feature Engineering and Feature Selection
- Involved in creating **Machine Learning models** for test **A/B Content** which is useful for making better decisions regarding the product

WHY ME?

- **Self-Taught, Curious and Innovative** : Ability to learn and thrive in a fast-paced environment
- **Hands-on experience in Computer Vision and NLP**
- **Enthusiasm for Learning** : Endlessly strives to learn new technologies and reading **Research Papers**