

ROHIT GUPTA

Data Scientist

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Delhi, India

in rohitgr7

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SUMMARY

A highly skilled, competent and diligent individual seeking an opportunity to establish a career as a Data Scientist. Highly skilled in machine learning, data visualization, and creative thinking. Core contributor at pytorch-lightning and passionate about NLP and predictive modeling.

EXPERIENCE

Associate Data Scientist

Episource LLC

Jul 2020 – Present

Chennai, India

- Analysed the Health Risk Assessment and Telehealth services to reduce the cost incurred and optimize the operations.

Data Science Intern

Episource LLC

Jan 2020 – June 2020

Chennai, India

- Developed a machine learning model to predict the outreach consultant headcount for an incoming project.
- Developed an automated pipeline to mine historical data and find relevant information for upcoming projects to improve research processes and charts retrieval.

Data Science Intern

Humonics Global

June 2019 – July 2019

Gurugram, India

- Preprocessed data and created the data pipeline.
- Researched and implemented DL models for Automating Car Insurance Claims using object-detection algorithms.
- Integrated the models in the production system.

Computer Vision Intern

PupilMesh Pvt LTD.

March 2019 – May 2019

Remote

- Computer vision oriented R&D. Created Vehicle Detection and Tracking for real-time systems.
- This project was aimed at tracking vehicles using an embedded chip.

EDUCATION

Bachelor of Technology(CSE)

Maharaja Agrasen Institute of Technology

2020

Delhi, India

- 8.04 CGPA

AISSCE(CLASS XII)

Maharaja Agarsain Public School

2016

Delhi, India

- 86.83%

PROJECTS

TVmodels

- Python package which contains the implementation of vision models.

Neural Machine translation

- Implementation of different attention-based machine translation algorithms using the seq-seq networks.

Neural Style Transfer

- The application can transfer textures from some art on an image.

Facenet-tf

- Detect and verify faces known and unknown using Siamese networks.

Facial-emotion-recognition

- Detect real-time emotions of people using facial-features using CNNs.

TECHNICAL SKILLS

- Machine Learning & Deep learning
- Computer Vision & NLP
- Data cleaning & visualization
- EDA & Feature Engineering

SOFTWARE SKILLS

- Git, Docker, Jupyter Notebook, Linux
- Numpy, Pandas, Matplotlib, Seaborn
- Scikit-learn, XGBoost, LightGBM, CatBoost
- Pytorch, Keras, Tensorflow
- Python, SQL, Bash, Javascript, C++

ACHIEVEMENTS

- Top 3% out of 3115 users in Kaggle's Intruder Detection through Webpage Session Tracking.
- Ranked 40 out of 1600 participants in ml-course.ai.
- Top 10% out of 4127 teams in Kaggle's Elo Merchant Recommendation Challenge.
- Top 12% out of 2,038 teams in Kaggle's NFL Big Data Bowl Challenge.

PUBLICATIONS

- Gupta, R. and Sharma, A. Super-Resolution using GANs for Medical Imaging Procedia Computer Science 173 (2020): 28-35.