ROHIT GUPTA

Data Scientist

@ rohitgr1998@gmail.com   📞 +91 8860117496   📍 Delhi, India   in rohitgr7   ○ rohitgr7   % rohitgr7.github.io

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 maintainer at Pytorch Lightning and passionate about NLP and predictive modeling.

EXPERIENCE

Associate Data Scientist
Episource LLC

📅 Jul 2020 – Present   📍 Chennai, India

- Analyzed 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.