Mohd Anas Qureshi

Data Scientist with Computer vision and Machine Learning Skills, looking for summer 2022 internship

716-614-2662 | mohdanas@buffalo.edu | linkedin.com/in/anas-qureshi-87182a29/ | **kaggle.com/anasqureshi**

EDUCATION

Master of Science: Robotics, University at Buffalo, The State University of New York, December 2022
Bachelor of Engineering: Computer Science, India, June 2018

SKILLS & TOOLS

Languages: Python(Numpy, Pandas, Data Structures) , SQL
Frameworks: Keras, PyTorch, Scikit-Learn, Spark
Data Management & Analytics: Google Bigquery, Google Cloud Storage, Google Data Studio
ML-Algorithms: Deep Learning, Linear/Logistic regression, K-Nearest Neighbor(KNN), Natural Language Processing(NLP).
Tools: Jupyter, Visual Studio, JIRA
Course Work: FALL2021: Computer Vision(CV), Fundamentals of AI, Robotics-1, Robotics Control System
SPRING2022: Machine learning, Pattern Recognition, Robotics Algorithm, Robotics-2

PROJECTS

Movie Recommendation System: Python, KNN
- Developed a recommender system using content based filtering that gives recommendation based on similarity between items.

Spam filtering Model: Python,Natural Language Processing
- Developed a Classification model to classify Text messages into SPAM and Non-SPAM categories using supervised learning model.

Image Stitching(Panorama): Python,Image Processing, SVD, Homography,RANSAC,SIFT, OpenCV
- Stitched two images together to construct a panorama image using image keypoints and computing the best homography matrix.

Image Recognition: Deep Learning, Keras, Python
- Developed a neural network to classify images with an accuracy of 94%.

Loan Tracking Model: Python, Logistic Regression
- Predicted whether a borrower will pay back their loan in full considering factors like credit policy,cibil score and purpose to grant loan amount.

WORK EXPERIENCE

Data Engineering Analyst, Spice Money, Mohali, India: December 2020 – August 2021
- Automated the reconciliation process which saved 1800 human hours and $53k per year.
- Developed a visual data pipeline from production database to google cloud storage.
- Developed a timeline report of agent sales using linear regression algorithm which helps in increasing the earning of spice agents upto 12%.
- Developed a python mailer to notify errors at any stage of data transfer to cloud storage.
- Monitored bigquery usage and generated weekly/monthly reports using google data studio.
- Scheduled cron jobs for data extraction,conversion and finally loading into bigquery tables.

AWARDS & INVOLVEMENT

ACE Award, Spice Money, February 2021, April 2021