Nikhil Narayanarao Kudupudi
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May - December 2023

EDUCATION

Northeastern University, Boston, Massachusetts   Expected May 2024
Khoury College of Computer Sciences
Candidate for Master of Science in Data Science   4.00
Related courses: Supervised Machine Learning, Introduction to Data Management and Processing

Ajeenkya DY Patil University, Pune, India   May 2022
Bachelors of Technology in Information Technology, 4.00
Related courses: Data Structures and Algorithms, Analysis and Design of Algorithms, statistics and Probability, Machine Learning, Advance Data Analytics using SQL, NoSQL Databases, Data Visualization.

TECHNICAL SKILLS

Programming	Python, R, C, SQL
Tools / Frameworks:	scikit-learn, Flask,TensorFlow, Tableau, Git, Hadoop, PySpark, Seaborn, Matplotlib, Streamlit, Heroku
Databases	MySQL, MongoDB, PostgreSql
Operating Systems:	Windows, Ubuntu
Global Certifications	Dell Technologies certified EMC Academic Associate, Data Science and Big Data Analytics, 2019

WORK EXPERIENCE

GlobalShala, remote   October 2021 - November 2021
Data Analyst Intern
- Utilized Tableau to extract insights from a Facebook ad campaign and suggest ways to improve profitability by discontinuing certain campaigns
- Collaborated with a team of 4 members to present insights to finance team, leading to the ratification of our recommendations.

Scads Technology, Pune, India
Data Analyst Intern
- Utilized Python and SQL to manipulate large datasets and uncover trends and patterns that could inform marketing strategies.
- Created BI dashboard in Power BI to analyze supermarket sales data and identify trends and opportunities for increased profitability.

PROJECTS

Personal Project, Attendance System using Facial Recognition   December 2022 - December 2022
- Developed a facial recognition algorithm using Deep Learning model and Extended Binary Patterns Histogram algorithm.
- The model built achieved high accuracy (>95%) for facial detection.

Northeastern University, Road Sign Detection   November 2022 - December 2022
- Created a road sign detection system using Convolutional Neural Networks (CNN) for recognizing road signs. Trained the model with a dataset of 50,000 images and attained an accuracy of 95%.
- Employed OpenCV for image pre-processing, Matplotlib for visualization, and TensorFlow for training CNN model.

Personal Project, Spam Text Detection   January 2022 - February 2022
- Implemented Natural Language Processing and Machine Learning techniques to analyze messages and filter out spam.
- Pre-processed data and applied TF-IDF, XGBoost Classifier to detect spam emails with 95% accuracy.