Muhammad Danial Gauhar

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Summary

Seeking a challenging role as a Data Scientist where I can leverage my extensive experience in data science, machine learning, and artificial intelligence to develop innovative solutions and drive actionable insights from large-scale, multi-structured datasets. I aim to contribute my expertise in training, consultancy, and startup guidance to enhance the implementation of data science and emerging technologies, bridging the gap between academia and industry for new opportunities and advancements in every sector.

Experience

Lead Data Scientist
rad.
Mar 2023 - Present (5 months)
I have extensive experience working with Generative AI, Predictive AI, EDA, web scraping, and Web APIs. My expertise in these areas has allowed me to develop innovative solutions, make accurate predictions, analyze complex data, and access real-time information. I am passionate about pushing the boundaries of technology and using these tools to drive meaningful results.

Founder & CEO
Techma Zone
Feb 2020 - Present (3 years 6 months)
Vision

Our vision is to promote and advance Data Science and emerging technologies in almost every sector of the data driven industry. To provide latest beginner to advance roadmap for students and professionals to boost their careers as well as master the cutting-edge technologies and emerging trends through hands on training from and stand out from the competitive job market.

Mission

Our mission is to educate, train and mentor the learners and professionals for Data Science, Artificial Intelligence, Business Intelligence, and other Emerging Technologies to minimize the industry-academia gap that will open door to new opportunities in every sector.
Skills: Project Coordination · Agile Project Management

Data Sciences Trainer
Institute of Cost and Management Accountants of Pakistan (ICMA Pakistan)
Jul 2022 - Jul 2023 (1 year 1 month)
• Provide training on real world data using Data Science and Machine Learning tools.
• Provide consultancy and training on implementation of Data Science and Artificial Intelligence at different level of a company.

• Provide guidance on startup related to Data Science.
• Prepare different programs in Artificial Intelligence for Trainees.
• Design and build systems that mine massive datasets and structure/enigineer it to be useable for machine learning models.
• Explore and suggest AI based solutions such as Convolutional Neural Networks.
• Apply machine learning techniques to deliver actionable insights from large-scale, multi-structured datasets.
• Work unsupervised with internal and external teams to respond to business requirements.
• End to end responsibility for model development, including data exploration, training data, feature extraction and model development, validation and scoring.
• DEVELOPING STATISTICAL MODELS: Apply advanced techniques such as ML, DNN, text mining, regression modelling, time-series analysis, cluster & factor analysis and segmentation to create different models for large data sets.

DATA SCIENCE COORDINATOR
NED University of Engineering and Technology
2020 - Jul 2023 (3 years)
Responsibilities include Data science course designing and training to students. Includes different modules ranging from data analysis to machine learning.

Data Scientist
PTIS - Premier Tubular Inspection Services
Nov 2021 - Dec 2022 (1 year 2 months)

Senior Data Scientist
PrimeGlobal - Fazal Mahmood and Company Chartered Accountants
Nov 2021 - Dec 2022 (1 year 2 months)

Senior Data Scientist
PTIS - Premier Tubular Inspection Services
Feb 2022 - Jun 2022 (5 months)

Artificial Intelligence Specialist
AI Intisar Solutions Private Limited
Jun 2020 - Jun 2022 (2 years 1 month)

DATA SCIENCE TRAINER
AMI APEx
2019 - 2020 (1 year)
Responsibilities include Data science course designing and training to students. Includes different modules ranging from data analysis to machine learning.

DATA ANALYST
ICI Pakistan Limited

2019 - 2020 (1 year)
Worked there as data analyst ,extracting results from their data and maintained dashboards accordingly using Power Bi, SharePoint and core python libraries like Numpy, Pandas, Matplotlib

VISITING FACULTY
Aptech
2018 - 2020 (2 years)
Conducted trainings and workshops on Web Designing and Development, Android mobile apps development and different programming languages.

Education

University of Hertfordshire
Bachelor of Science - BS, Computer Science - Data Science
Sep 2020 - Oct 2023

UBIT
Bachelor of Science (BS), Computer Science
2017 - 2020
One of the best University for Computer Science in Pakistan

Aptech
Bachelor's degree, Software Engineering
2017 - 2019

Skills

Generative AI • Predictive AI • Exploratory Data Analysis • Analytical Skills • Statistical Modeling • Databases • Python (Programming Language) • Natural Language Processing (NLP) • R (Programming Language) • Data Science