MUHAMMAD MUZZAMIL HUSSAIN KHATTAK

CONTACT
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PROFILE
Birth: 13 March 1997
Domicile: Peshawar
Marital status: Single
Languages: English | Urdu
Address: H# 6/B, S# 1, New Hakeem Bukhari colony, Gulbahar, Peshawar (Willing to relocate in needed)

OBJECTIVE
To obtain a Data Scientist position in a fast-paced organization that offers opportunities for professional growth and advancement, and where I can leverage my skills and experience to make meaningful contributions.

EXPERIENCE

❖ **FREELANCING**
Fiver | Freelancer | Upwork

DEC 2017 – Present
- Successful biding and client research
- Communication budgeting and scheduling
- Data Exploration, Visualization and Data preparation using NumPy, Pandas, Tensorflow, SQL, Matplotlib
- Subject related study and Feature engineering
- Solving problems using Machine learning algorithms including Supervised, Unsupervised and Reinforcement learning algorithms using Tensorflow, Keras, Scikit-learn and OpenAI gym.
- Discriminative and Generative deep learning
- Probabilistic Neural networks
- Python | MATLAB
- Optimization of algorithms

❖ **PLANNING ENGINEER**
Rehman Construction Company

APR 2020 - OCT 2020
- Scheduling plans preparation
- Quantity estimation
- Resource allocation
- Review of drawings and contracts

EDUCATION

- ○ **Master of Science in Transportation Engineering**
  National University of Sciences and Technology, Islamabad
  2019 – 2022

- ○ **Bachelor of Science in Civil Engineering**
  University of Engineering and Technology, Peshawar
  2015 – 2019

SKILLS
- ○ Proficient in Python programming language, Pandas, NumPy, Scikit-learn, Keras, and TensorFlow
- ○ Experience with supervised and unsupervised machine learning algorithms
- ○ Experience with deep learning and neural networks
- ○ Strong knowledge of statistics, probability, and linear algebra
- ○ Familiarity with SQL and database management
- ○ Excellent Problem-solving skills and attention to detail
- ○ Excellent communication skills
- ○ Collaborator | Independent worker |Leadership qualities
- ○ Adaptive learner | Analytical skills | Critical thinking

SOFT SKILLS
- ○ Microsoft Word | Excel | PowerPoint
- ○ QGIS, ArcGIS, Python NetworkX & OSMNX
- ○ Python | MATLAB | VBA | JavaScript
- ○ SQL | NumPy | SciPy | Scikit-learn | Pandas | Spark | Tensorflow | Keras | OpenAI GYM | Matplotlib | Seaborn | Beautifulsoup4| Apache Spark
- ○ Django | Node | Flask.
- ○ Version control | GIT

ACCOMPLISHMENTS
- ○ Research publication on equity to public places by Walk mode using Python and QGIS.
- ○ Analyzed influence of policy interventions on ridership for BRT, Peshawar using MLP and Long short-term memory (LSTM) for research publication.
- ○ Published results of the analysis of effects of multiple factors including bacterial type, immobilizers, and other features on crack width healed in self-healing concrete.
- ○ Developed from the scratch a simulation for unmanned aerial vehicles (UAVs) and optimized their trajectory using soft actor critic networks.
- ○ Developed Full-Stack Web Application for solving problems related telecommunication lines layout.

CERTIFICATIONS
- ○ Machine Learning Specialization from Stanford University, DeepLearning.AI
- ○ TensorFlow Developer Specialization from DeepLearning.AI
- ○ TensorFlow: Advanced Techniques Specialization from DeepLearning.AI
- ○ Probabilistic Deep Learning with TensorFlow 2 from Imperial College London
- ○ Reinforcement Learning from University of Alberta
- ○ Databases and SQL for Data Science with Python from IBM
- ○ Data Science Methodology from IBM
- ○ IBM Full Stack Software Developer Specialization from IBM
- ○ Developing Applications with SQL, Databases, and Django from IBM
- ○ Mastering Programming with MATLAB from Vanderbilt University
- ○ Excel/VBA for Creative Problem-Solving Specialization from University of Colorado Boulder

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