MUHAMMAD HASEEB

Data Scientist/AI/ML Engineer

CONTACT

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ADDRESS
Gojra, Punjab, Pakistan

PROFILE

Proficient in ML & data science, adept at software development principles & agile methodologies. Detail-oriented, team-focused, passionate about learning, delivering quality software solutions throughout the development lifecycle.

EDUCATION

Feb 2016 - Feb 2020
BS COMPUTER SCIENCE
Bahria University, Lahore Campus
RELEVENT SUBJECTS
- Artificial Intelligence
- Applied Image Processing
- Software Engineering
- Software Project Management
- Software Quality Assurance

Feb 2021- May 2023
MS COMPUTER SCIENCE
GIK Institute of Engineering Science and Technology, Topi
RELEVENT SUBJECTS
- Medical Image Processing
- Machine Learning
- Data Mining
- Deep Learning
- Statistical Image Processing

EXPERIENCE

RESEARCH STUDENT
MACHINE LEARNING AND DATASCIENCE (MDS) LAB
Feb2022- Present

DATA ANNOTATOR
CODE NINJA LAHORE
Oct 2022- Jan 2023

PRESIDENT
GRADUATE STUDENT SOCIETY (GSS)
Feb 2022- Feb 2023

TEACHER ASSISTANT
BAHRIA UNIVERSITY LAHORE CAMPUS
Feb 2018 - Jun 2018
- Object Oriented Programming Lab

GIK INSTITUTE OF ENGINEERING SCIENCE AND TECHNOLOGY, TOPI
Feb 2021- Jun 2021
- Applied Image Processing

Feb 2022- Jun 2022
- Discrete Mathematics

LAB INSTRUCTOR
GIK INSTITUTE OF ENGINEERING SCIENCE AND TECHNOLOGY, TOPI
Sep 2021 - Jan 2022
- Introduction to Computer Programming

LAB COORDINATOR
GIK INSTITUTE OF ENGINEERING SCIENCE AND TECHNOLOGY, TOPI
Feb 2022- Jun 2022
- Digital Logic and Design Lab

LARAVEL DEVELOPER
DEV JAR TECHNOLOGIES LAHORE
Oct 2020 - Jan 2021

SKILLS

Languages
- C++
- C#
- HTML
- CSS
- SQL
- Matlab
- Python

Machine Learning
- Regression
- Random Forest
- Logistic Regression
- Decision Tree
- Binary & Multi-Class Problem
- SVM
- KNN
- Data Cleaning
- Feature Engineering
- Pandas
- Numpy
- Matplotlib
- Sklearn

Deep Learning
- Convolutional Neural Network
- Alex Net
- VGG Net
- Google Net
- LSTM
- Resnet
- UNet

Personal Skills
- Quick Learner
- Team Player

RESEARCH PROJECTS

- MS THESIS "CLASSIFICATION AND SEMENTIC SEGMENTATION ON HYPERSPECTRAL IMAGES "

- PREDICT THE SEVERITY OF FATTY LIVER DISEASE USING MACHINE LEARNING AND FEATURE SELECTION TECHNIQUES

- HEART DISEASE PREDICTION USING MACHINE LEARNING TECHNIQUES

- MALWARE DETECTION USING MACHINE LEARNING TECHNIQUES

- FINAL YEAR PROJECT IN BACHELORS BASED ON IMAGE PROCESSING TECHNIQUES LUNGS CANCER DETECTION (DESKTOP APPLICATION)

PUBLICATIONS

- **MH ASLAM**, SF HUSSAIN. "PREDICTION OF HEART FAILURE BY USING MACHINE LEARNING AND FEATURE SELECTION", 2022 17TH INTERNATIONAL CONFERENCE ON EMERGING TECHNOLOGIES (ICET), DOI: 10.1109/ICET56601.2022.10004668

- **MH ASLAM**, SF HUSSAIN, RH ALI, "PREDICTIVE ANALYSIS ON SEVERITY OF NON-ALCOHOLIC FATTY LIVER DISEASE (NAFLD) USING MACHINE LEARNING ALGORITHMS", 2022 17TH INTERNATIONAL CONFERENCE ON EMERGING TECHNOLOGIES (ICET), DOI: 10.1109/ICET56601.2022.10004660

CERTIFICATES

- "Python Fundamentals for Beginners" from Great Learning
- "Data Science Foundations" from Great Learning
- "SQL for Data Science" from Great Learning
- "Introduction to Machine Learning in AWS" from Great Learning
- "Machine Learning Pipeline" from Great Learning

REFERENCES

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Assistant Professor
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