

# Musham Ahmad Malik

## Data Scientist / Data Analyst

Experienced data scientist skilled in machine learning and data analysis, with a strong track record of producing valuable insights. Dependable team player with a passion for solving complex problems through machine learning.

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📍 Lahore, Pakistan

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## EDUCATION

### Bachelor's in Computer Science

University of Engineering and Technology - Lahore

10/2019 - 05/2023

### A Levels

Keynesian Institute of Management & Sciences - Lahore, Pakistan

09/2016 - 09/2018

## WORK EXPERIENCE

### Associate Data Scientist

Rozee.pk

09/2022 - Present

Lahore, Pakistan

#### Achievements/Tasks

- Collecting Structured, Unstructured Data, Sourcing missing Data & organize it in a usable formats.
- Analyzing Data for Trends, Patterns & find solutions to specific problems.
- Generate Information, Insights, Visuals & ML models from Data.
- Prepare Reports for Executive & Project teams.

### Data Science Intern

Rozee.pk

06/2022 - 09/2022

Lahore, Pakistan

#### Achievements/Tasks

- Find underlying reasons for a problem.
- Analyze rozee's data for actionable insights.
- Suggest possible solutions to a problem through Data Visualization.
- Worked on Rozee's data lake architecture on AWS.

## ORGANIZATIONS

Google Developer Student Club - UET Lahore  
(12/2019 - Present)

General Member

## SKILLS

Machine Learning

Pandas

PySpark

NLP

Spacy

NLTK

Computer Vision

Tensorflow

Keras

Python

Flask RESTful API

MySQL

Tableau

AWS

AWS Athena

AWS Quicksight

Docker

Terraform

Slack

Jira

## PROJECTS

### Job Recommendation System / Search Engine

- The project is a job recommendation system using NLP techniques to provide personalised job recommendations based on user's search queries. It searches a job postings database and ranks results according to relevance.

### Resume Parser

- The project is a resume parser that uses Spacy's Named Entity Recognition (NER) model to extract information such as name, address, phone number, work experience, education, and skills from a resume. It provides an automated way to quickly extract and organize resume data.

### Face Liveness Detection

- The project is a face liveness detection model built on Keras, which distinguishes between a real face and a fake face to prevent spoofing attacks. It uses deep learning techniques to analyze facial features.

## CERTIFICATES

### SQL for Data Science

Coursera

### Machine Learning Real World Projects in Python

<https://udemy-certificate.s3.amazonaws.com/pdf/UC-f9122798-9c73-4c34-882c-a70d30163c29.pdf>

### Python for Machine Learning with Numpy, Pandas & Matplotlib

[UC-2040c383-315c-46d0-8268-2c5bd2c7969d.jpg](https://udemy-certificate.s3.amazonaws.com/pdf/UC-2040c383-315c-46d0-8268-2c5bd2c7969d.jpg) (1600×1190)  
([udemy-certificate.s3.amazonaws.com](https://udemy-certificate.s3.amazonaws.com/pdf/UC-2040c383-315c-46d0-8268-2c5bd2c7969d.jpg))

### Data Science Bootcamp in Python

[UC-e3e54b01-eb4f-4aa4-8f5c-83406b3f172e.jpg](https://udemy-certificate.s3.amazonaws.com/pdf/UC-e3e54b01-eb4f-4aa4-8f5c-83406b3f172e.jpg) (1600×1190)  
([udemy-certificate.s3.amazonaws.com](https://udemy-certificate.s3.amazonaws.com/pdf/UC-e3e54b01-eb4f-4aa4-8f5c-83406b3f172e.jpg))

## LANGUAGES

Urdu

Full Professional Proficiency

English

Full Professional Proficiency

## INTERESTS

Blockchain

Researching

Podcast