

Syed Muneer Ul Hassan Bukhari

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🔗 Muneer-ul-Hassan

Profile

- Aspiring software engineer with foundational experience in machine learning, computer vision, and robotics simulations through academic projects and personal work.
- Proficient in Python and Django with a strong interest in AI and robotics.
- Eager to contribute to innovative solutions and grow skills in real-world applications.

Education

Government College University Faisalabad (GCUF)

Session: 2018 – 2022

Bachelor of Science in Computer Science

- Cumulative GPA: 3.38 / 4.0
- **Relevant coursework:** Data Structures & Algorithms, Artificial Intelligence, Computer Networks, Database Systems, Operating Systems
- Completed final year project: **Faculty Evaluation System**

Experience

Local SEO and Web Development Manager

Multan April 2024 – April 2025

RedCrystal

- Increased local search rankings by 30% within 6 months through strategic SEO optimization
- Managed website development, conducted SEO audits, and improved online presence
- Administered Google My Business profiles and analyzed site performance with analytics tools

Artificial Intelligence Intern

Islamabad, Pakistan July 2024 – Dec 2024

ITSOLERA Pvt Ltd

- Applied machine learning and deep learning techniques to solve real-world problems
- Collaborated with industry experts on AI projects to develop innovative solutions
- Gained hands-on experience in AI model development and data analysis
- Secured this internship through professional networking on LinkedIn

Web Developer / WordPress Developer

Rawalpindi June 2023 – Nov 2023

DataDistinct Solutions (Pvt.) Ltd

- Developed and maintained responsive websites to improve user experience
- Implemented website maintenance and SEO optimization to enhance client visibility
- Collaborated closely with clients to deliver tailored web solutions

Projects

British Airways Data Science Simulation (Forage)

[GitHub](#) [🔗](#)

- Simulated the role of a data scientist to extract business insights from flight operation data and propose performance improvements
- Performed data cleaning, exploratory data analysis (EDA), and visualizations to support decision-making
- Tools Used: Python, Pandas, Matplotlib, Seaborn, Jupyter Notebook

Johnson & Johnson Robotics Simulation (Forage)

[GitHub](#) [🔗](#)

- Conducted a design optimization study for a surgical robotic arm to enhance responsiveness, reliability, and patient safety
- Applied control systems theory and proposed mechanical/electrical tuning strategies in a simulation envi-

ronment

- Tools Used: Python, Robotics Concepts, Control Systems, Technical Writing, Jupyter Notebook

AstroSage: Interactive Exoplanet Exploration Dashboard

[GitHub](#) 

- Developed a browser-based data visualization platform using public APIs to analyze and compare exoplanets
- Implemented interactive charts and UI components for filtering planets by habitability metrics
- Tools Used: JavaScript, HTML/CSS, REST APIs, Chart.js, Data Visualization

Edge AI: Cat vs Dog Image Classifier

[GitHub](#) 

- Trained a CNN model to classify pet images with TensorFlow and converted it to a lightweight format for edge devices
- Optimized model for mobile inference using TensorFlow Lite; reduced model size and latency
- Tools Used: Python, TensorFlow, Keras, OpenCV, Edge AI, Model Optimization

Spam Mail Detection System

[GitHub](#) 

- Built a supervised learning pipeline to classify emails using Natural Language Processing (NLP) and ML algorithms
- Preprocessed text data with TF-IDF, vectorization, and trained Naive Bayes and SVM models with evaluation metrics
- Tools Used: Python, Scikit-learn, Pandas, NLP, TF-IDF, Jupyter Notebook, Classification Models

Skills & Technologies

- **Languages:** C, C#, C++, Java, JavaScript, Objective-C, Python, SQL
- **Frameworks & Libraries:** .NET, Flask, MFC, PyTorch, React, Scikit-learn, TensorFlow
- **Tools & Platforms:** Docker, Git, Interface Builder, Jupyter Notebook, Microsoft SQL Server, VS Code
- **Concepts:** Machine Learning, Deep Learning, NLP, Computer Vision, Edge AI, SEO Optimization, Software Design, Web Development, Control Systems, Data Analysis

Interests

- Artificial Intelligence & Automation
- Space Exploration & Astrophysics
- Robotics & Embedded Systems
- Creative Coding Projects & Open Source
- Startups & Tech Entrepreneurship