

MUHAMMAD SAAD SHAHID

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PROFESSIONAL SUMMARY

Experienced in developing analytical and problem-solving skills in a data-driven environment, focusing on extracting actionable insights from complex datasets. Demonstrated expertise in Python and SQL to ensure data integrity and accuracy. Eager to leverage transferable skills for a successful transition into a new field, aiming to make a meaningful contribution.

EDUCATION

AIR UNIVERSITY, ISLAMABAD

Master of Science in Artificial Intelligence

Islamabad

September 2022 – June 2024

UNIVERSITY OF SARGODHA

Bachelor of Science in Information Technology

Sargodha

October 2017 – June 2021

WORK EXPERIENCE

ITSOLERA

AI-Intern

Remote

March 2025

- Gained hands-on experience in Generative AI (GenAI), focusing on image generation and transformation techniques.
- Worked with cutting-edge models such as StyleGAN and JOJOGAN for tasks like facial attribute manipulation and artistic style transfer.
- Assisted in fine-tuning pre-trained models and optimizing output quality using custom datasets.
- Collaborated with the AI team to evaluate and document model performance and visual outputs.

ARES PROJECTS

Data Miner

Remote

March 2022 – November 2023

- Conducted detailed data mining operations to extract and analyze valuable information from client websites, focusing on optimizing e-commerce strategies for Amazon UK and US markets.
- Utilized advanced data scraping techniques and tools to collect high-volume product data, including pricing, availability, seller information, and reviews.
- Collaborated with cross-functional teams to transform raw data into actionable insights that supported revenue generation, competitor analysis, and trend forecasting.
- Ensured data quality, consistency, and compliance with Amazon's marketplace standards.

DIXEAM
Web Developer

Sargodha
September 2021 – February 2022

- Started as a Frontend Developer, building responsive user interfaces using HTML, CSS, JavaScript, and jQuery.
- Transitioned into Backend Development, focusing on PHP and the Laravel Framework, developing full-stack web solutions.
- Designed and implemented interactive dashboards and user-friendly admin panels, improving usability for client-side operations.
- Collaborated on developing a web platform for a car wash company, ensuring seamless navigation and efficient booking management.
- Optimized code performance and implemented best practices in web development, contributing to scalable and maintainable applications.

QODIT ACADEMY
Android Developer

Sargodha
February 2018 – October 2018

- Gained hands-on experience in Android app development using Java/Kotlin and Android Studio.
- Assisted in designing and developing user-friendly mobile application interfaces following modern UI/UX principles.
- Integrated APIs and managed data storage using Firebase for real-time functionality.
- Collaborated with senior developers to debug, test, and improve app performance and reliability.

ACADEMIC EXPERIENCE

GRADUATE EXPERIENCE | AIR UNIVERSITY

Islamabad, PK

- Deep Learning based Segmentation and classification of Breast Cancer Disease using Magnetic Resonance Imaging thesis work
- Breast Cancer Detection Using Deep Learning Techniques: Challenges and Future Directions
 - *A noteworthy advancement is the extensive use of CNN algorithms applied to MRI images and gene expressions, showcasing significant progress. When compared to alternative algorithms, CNN models frequently yield favorable outcomes.*
- Leveraging Weighted Bag of Visual Words Ensemble Methods to Classify Breast Cancer Cells

SKILLS AND INTERESTS

COMPUTER: Machine Learning, Deep Learning, Model Validation, Computer Vision, Natural Language Processing, Tensor Flow, SQL, Anomaly Detection

TOOLS AND TECHNIQUES

LANGUAGE: Python

PYTHON LIBRARIES: Pandas, Numpy, Fast API, Streamlit

MACHINE LEARNING LIBRARIES: Sklearn, TensorFlow, Keras, PyTorch, Textblob, Spacy, OpenCV, Pillow, Transformer, OpenAI, Matplotlib, Seaborn, plotly

PUBLICATION

SPRINGER: MULTIMEDIA TOOLS AND TECHNIQUES

Breast cancer detection using deep learning techniques: challenges and future directions

REFERENCE

AIR UNIVERSITY, ISLAMABAD

Dr. Azhar Imran Mudassir (*Assistant Professor*)