

Contact

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marukhfatima197@gmail.com

LinkedIn

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Education

2020-2024

Bs in Artificial Intelligence (GIKI)

Ghulam Ishaq Khan Institute of
Engineering Sciences and Technology

2018-2020

Intermediate in Engineering Sciences

Board of intermediate and secondary
education lahore

2016-2018

High school degree in computer sciences

Board of intermediate and secondary
education lahore

Tools

- Scikit-Learn
- keras, Tensorflow, Open Cv, pytorch
- Mindspore
- Streamlit
- WordPress/Bootstrap
- Oracle Database
- Elastic search , Kibana
- Open refine
- RabbitMQ
- Apache JMeter
- Postman
- pagerduty, Betterslack
- Flask / logs

Languages

- python
- cpp
- c
- SQL
- html/css/wordpress/bootstrap

FATIMA GHAZANFER

BS IN ARTIFICIAL INTELLIGENCE

PERSONAL PROFILE

I am a graduate student with holistic knowledge of Machine Learning, Deep Learning, Computer Vision, NLP, model training and testing, data management, and design. Experienced in coordinating with team members as I have worked in three student-run societies.

WORK EXPERIENCE

Machine learning intern (PITB)| Jul 2024 - present

- Agriculture crop disease detection , Covnext
- API Development

Freelancing Sept 2022- present

- Implementing neural networks and models according to the client's problem. Helping in research paper writing.

Research assistant with PhD scholars Sept 2023 - Jul 2024

- Integrated ANPR System Combining YOLO v5, ResNet50, Tesseract, and Easy-OCR for Enhanced License Plate Recognition.
- Leveraging Deep Learning for Accurate Diagnosis of Multiple Thoracic Diseases in Chest X-Rays. dwt preprocessing, densenet121, VGG-16.

Machine learning intern (PITB)| Jul 2023 - sept2023

- ANPR (tesseract, easy-ocr, Amazon OCR)
- API development
- Face detection and recognition from live and recorded videos

ACADEMIC AND FREELANCE PROJECTS

- Performing PCA on multispectral image, Enhancement of images
- Using DNN to classify the health of plants
- Improving the model accuracy using ML models to Kaggle
- detection and recognition of human faces /face recognition and detection.
- API development and deployment
- Classification Models/ Sentiment analysis / Natural voice synthesis
- Chatbot (through voice and text prompts)
- ANPR(yolo v5 & v8 , ResNet50)
- Speech to Text and text To speech model/voice recognition
- Implementation of heuristic search algorithms on real-life problems
- Voice detection and lip synchronization of a digital model
- Parallelizing the serial codes to enhance speed.
- Developed a customer support chatbot using Open AI API and training GPT3 ON customized dataset.
- Reinforcement Learning/self-learning models

SKILLS | EXPERTISE

- Machine learning | Reinforcement learning
- Deep Neural Networks(customizing already made neural networks according to preference of use)
- Computer Vision (Gen AI)
- Natural Language Processing (LSTM, Transformers, LLM's)
- Data Handling using Python | no SQL
- Software Documentations
- Logic Building and designs (Problem-solving analysis and design)

COCURRICULAR ACTIVITIES

VICE PRESIDENT | SOCIAL MEDIA AND MARKETING HEAD | EVENT MANAGER

Association of Computing Machinery | Jan 2021 - June 2024

EVENT COORDINATOR | TECH HEAD

American Society Of Materials | Oct 2020 - Feb 2024

ICARUS-II TEAM MEMBER

American Society Of Astronautics and Aeronautics | Jul 2021 - Feb 2023

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BS IN ARTIFICIAL INTELLIGENCE

PERSONAL PROFILE

I am an undergraduate student with holistic knowledge of Machine Learning, Deep Learning, Computer Vision, NLP, model training and testing, data management, and design. Experienced in coordinating with team members as I work in three student-run societies.

Education

Bs in Artificial Intelligence 2020-2024
Ghulam Ishaq Khan Institute of Engineering Sciences and Technology

Intermediate in Engineering Sciences 2018-2020
Punjab Group Of Colleges

High School Degree 2016-2018
Cathedral High School

WORK EXPERIENCE

FREELANCER

[Fiverr](#), [Upwork](#), [remoteJobs.pk](#)

MACHINE LEARNING INTERN

[punjab information technology board \(PITB\)](#) | July 2023 - Sept 2023

RESEARCH ASISSTANT WITH PHD SCHOLAR

ACADEMIC AND FREELANCE PROJECTS

- Performing PCA on multispectral image
- Using DNN to classify the health of plants
- Improving the model accuracy using ML models to Kaggle
- Classification of human faces
- classification of animal species
- Chatbot
- Speech to Text and text To speech model
- Implementation of heuristic search algorithms on real-life problems
- Voice detection and lip synchronisation of a digital model

Skills | Expertise

- Machine learning
- Deep Neural Networks
- Computer Vision
- Natural Language Processing
- Data Handling using Python
- SE Documentations
- Logic Building and designs

Tools

- Scikit-Learn
- keras, Tensorflow
- Streamlit
- WordPress/Bootstrap
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- Database
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Languages

- python
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[Association of Computing Machinery](#) | Jan 2021 - present

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[American Society Of Astronautics and Aeronautics](#) | Jul 2021 - Feb 2023

MUHAMMAD AHTASHAM

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LinkedIn

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PERSONAL PROFILE

Seeking a challenging role in the AI industry to utilize my skills in machine learning, computer vision, natural language processing, deep learning, and data analysis to contribute to the development of innovative AI solutions. With a background in mathematics, and computer science, I am eager to expand my knowledge and apply my technical skills to make a positive impact in the field.

EDUCATION

Bs in Artificial Intelligence 2020-2024

Ghulam Ishaq Khan Institute of Engineering Sciences and Technology

Intermediate in Engineering Sciences 2018-2020

Montgomery College Sahwial

High School Degree 2015-2018

Cadet College Kohat

WORK EXPERIENCE

FREELANCER

[Fiverr](#), [Upwork](#), [remoteJobs.pk](#)

ARTIFICIAL INTELLIGENCE INTERN

[Musketeers Tech Inc.](#) Jun 2023 - Aug 2023

ACADEMIC AND FREELANCE PROJECTS

- AI Based Alzheimers Detection, Classification and Progression
- Amazon implementation as shop inventory - Data Structures
- Shop inventory using HTML/CSS/PHP
- GIK Map - Python
- Crop Disease Prediction System - Neural Network
- Hair Classification and Living vs Non living things Classification
- Text to Speech Conversion
- University ChatBot
- AI Image generation

Skills | Expertise

- Machine learning
- Deep Neural Networks
- Computer Vision
- Natural Language Processing
- Data Handling using Python
- SE Documentations
- Logic Building and designs

Tools

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- keras, Tensorflow
- Streamlit
- WordPress/Bootstrap
- Oracle
- Database
- Mindspore

Languages

- python
- cpp
- c
- SQL/PHP
- html/css/wordpress
- React
- Django

COCURRICULAR ACTIVITIES

VICE PRESIDENT FINANCE | EVENT MANAGER

[Project Topi](#) | Jan 2021 - present

EXECUTIVE MEMBER

[American Society Of Materials](#) | Oct 2020 - present

EXECUTIVE MEMBER

[Association Of computing Machinery](#) | Jul 2021 - Feb 2023