

Taimoor Baig

Freelancer and teacher by profession and data scientist by passion. Through a strong curiosity and enthusiasm about new ideas, Artificial intelligence. Six-year study of Computer Science provides me with logical and critical thinking elegance, analysis and coding academic background gives me the competence of problem-solving.

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Karachi, Pakistan 
github.com/MakkiNeutron 

WORK EXPERIENCE

University of Karachi, Department of Computer Science UBIT (Evening Program)

Part-time

01/2018 - Present

Achievements/Tasks

- Assisting to Faculty. Teaching and performing lab tasks as per assigned course(lab). Helping the students in tasks, assignments and course projects.

Machine Learning Engineer

Bleed AI Full-time

11/2021 - Present

Achievements/Tasks

- Smart Vehicle speed and tracking system from CCTV
- Drowsiness Detection through Opencv and STT
- Face swapping using mediapipe
- face, body pose, hand landmarks detection web app using streamlit
- AI exercise trainer app [Project link](#)

EDUCATION

Matriculation in Science

London Cambridge School

04/1998 - 07/2009

Intermediate in Pre-Engineering

Jinnah Govt: College

09/2009 - 03/2012

Bachelor of Science in Computer science

Iqra University

08/2012 - 08/2017

MS in Computer Science (in progress)

Iqra University

08/2019 - Present

Courses

- Currently working on **Thesis II** (Urdu sign language alphabets, words and sentences recognition using Neural Network)
- Urdu Handwriting alphabets and words recognition
- Human body action recognition using 2d pose
- Translation sign to voice, text

SKILLS

IoT(arduino, esp8266, proteus)

Flask and streamlit and Reactjs

Machine learning(scikit-learn)

Image processing and Computer vision(openCV, Scipy)

NLP(NLTK,Spacy) Deep learning(TensorFlow, Keras)

Data analysis(Seaborn, Matplotlib,Pandas, Numpy)

Algorithms (SVM, DT, Random forest, Naive bayes, KNN, k-means, MCMC bayesian, regressions)

PERSONAL PROJECTS

AI and IoT projects (04/2015 - 01/2019)

- [Project#1](#) Robotic doll operated by Human body. [Project link](#)
- [Research#1](#) Tf- IDF Analysis **text** classification. [Research link](#)
- [Project#2](#) Sentiment and Intent Analysis using **NLP** and **ML**. [Project link](#)
- [Project#3](#) Jarvis (personal Assistant Software) Android phone and Windows desktop supported. [Project link](#)
- [Project#4](#) We have been developed. Pakistan's lowest price and reliable Hybrid Wheelchair-and it is my final year project and operated by voice recognition. Version II (2018-October) In Proteus professional tool i made Mosfet drivers and Embedded Systems for Autonomus Vehicles. [Project link](#)

Data science and Machine learning (02/2019 - Present)

- [Github repository link](#)

Data science research project freelance (04/2021 - Present)

- [Drive link](#)

LANGUAGES

Arduino and C

Limited Working Proficiency

SQL

Limited Working Proficiency

Python

Professional Working Proficiency

C# and C++

Limited Working Proficiency