FASIH SHAHZAD

AI/Machine Learning Engineer/Computer Vision Engineer

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About Me

I'm a Computer Engineer passionate about working with Machine Learning, Deep Learning, Big Data & also Designing. I'm constantly learning because I never settle. I focus on making high-quality decisions. I enjoy learning and working on new technologies. I always interested to work with challenging tasks. I Want to work on Deep learning and Machine learning project to enhance my skills also want to work on designing things like Logos, Posters also different types of illustrations and I also have commands on video editing.

Education

Bahria University Karachi Campus   (2017–2021)
BS (Computer Engineer)

Presidential Initiative for Artificial Intelligence & Computing (PIAIC)   (2019–2021)
ARTIFICIAL INTELLIGENCE (AI).

Projects

- Cursor Control with Nose using Python
- Face Detection and Recognition Using deep learning and neural network tensor flow framework using YOLO V3 on pertained network darknet.
- **FINAL YEAR PROJECT (SMART CART SYSTEM)**
  Object Detection (Barcodes, Number plates) Using YOLO V3 and OpenCV libraries ZBAR and PYTESSERACT
- Diseases detection using image data
- Image classification using CNN
- TensorFlow Instance Segmentation with Mask R-CNN UNET and Grab cut algorithm • Custom OCR with TensorFlow deep learning **Sequence data:**
- Temperature Forecasting (Using RNN, LSTM, GRU,1D convent, bidirectional)
- Audio Classification (using Spectrogram images and RNN and FLASK APP)
- Sentimental Analysis (Movie reviews, Spam email) using ANN, RNN and 1D convent
- Phone number and Services provider Detection using Python.
- **Movie Recommendation**: Using ANN
  Virtual Assistant: Using GUI (Tkinter) and Python Programming

Work Experience

NCAI Smart city lab NED University

Machine Learning Engineer   Karachi (Sep 2020-Jan 2021)

- Worked on project based on audio classification and Image classification and use different technique of Machine learning.
- Also made flask-based web app

Plug Orange

Data scientist   Karachi (Jan 2020-Sep 2020)

- Worked in various projects related to machine learning and python.

British International School (Freelancing)   Lubumbashi (Oct 2020-Ongoing)

Accounts Management

- Update and handle all the fees collection details on CSV and website also.

Eye Interaction. (NEST I/O)   Karachi (Aug 2019-Dec 2019)

- Deep Learning
- Graphic Designer & Video Editor   Karachi (Jan 2019-Aug 2019)

The Techrotics Lab
- Graphic Designer   Karachi (Feb 2021-April 2021)

SKILLS AND EXPERTISE

- **Machine Learning**

o Deep Learning
o Classification Algorithms
o Regression Algorithms

- **Computer Vision**

o Detection and Recognition
o Segmentation
o Tracking
o Image processing

- **Data Analysis**

o Feature Engineering
o Data Wrangling

- **Web Scraping**:

o Beautiful Soap
o Scrappy.

- **Designing**
o Logo Design
o Poster Design
o Illustrations

- **Cloud**
o AWS (Sage maker)

Technical Skills:	Python, SQL server, Oracle, Statistics
Designing Skills:	Adobe Photoshop, Illustrator, After effects, Premier Pro
Framework:	Flask, Tensor flow, keras, Sage Maker
Visualization Tools and technology:	Power Bi, Matplotlib, Sea Born