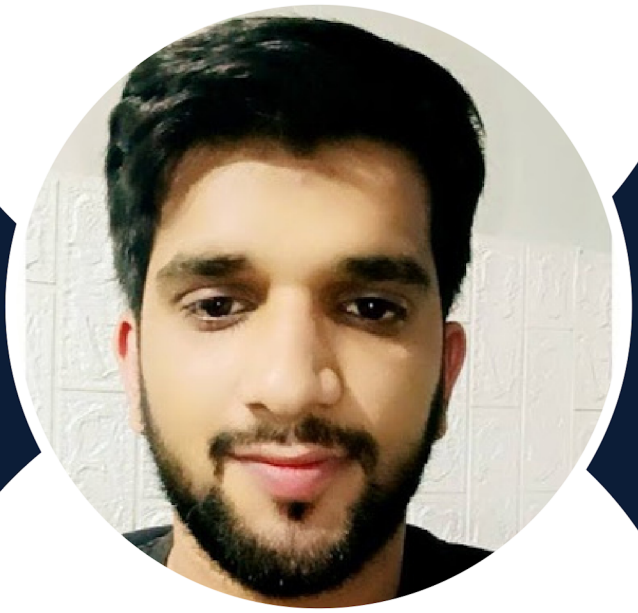

EHTISHAM FAZAL

MACHINE LEARING ENGINEER

About me

Skilled machine learning engineer with expertise in Computer vision. Successfully Developed ML models for face Recognition, Human emotion Recognition and Bioinformatics etc with Strong education professional with Masters in Electronics major in signal processing from PAF-Karachi Institute of Economics & Technology, python course from Google and machine learning course from Stanford University.

CONTACTS

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- ehtishamfazal68@gmail.com
- https://www.linkedin.com/in/ehtisham-fazal-72a036182

EDUCATION

MS-Electronics
PAF-KIET
2020 - 2022

BE-Avionics
PAF-KIET
2017 - 2020

Machine Learning Course
Stanford Online
2020-2020

Neural Networks and Deep Learning
Deep Learning.AI
2020-2020

EXPERTISE

- Python
- Computer vision
- Data Analysis
- Web Scraping
- QA automation testing
- content writing
- Electronic circuit design

WORK EXPERIENCE

Machine Learning Engineer

Lambda Theta| Oct,2022-Present

- Severity of road cracks Detection and Classification using computer vision
- Perspective transformation of frontal view of camera
- Label propagation of Video Frames using AI techniques and Deep learning model
- Developed a model for custom object detection and segmentation
- semi supervised machine learning technique for image processing
- Tracking of objects using deep learning model

Machine Learning Engineer

Cloudee.AI| JAN,2021-FEB,2022

- Machine learning model for Attendance system using facial expression recognition
- Deep learning model for Fraud detection system using Human speech emotion recognition
- Automatic quiz checker using Artificial neural network for Hand written character recognition system
- Researched and secured Web-based SaaS applications using network packet capture (.pcap)
- Working with Beautiful Soup & Selenium for Web-Scarping .
- Automate the URL detection patterns using python
- Generate Test Data using Python Faker for QA testing of SAAS apps
- QA testing of web apps using selenium web driver using python language
- Find security attributes for SaaS applications

INTERESTS

- Machine Learning
- Transer Learning
- Data Analysis
- Programming
- Research And Develoment
- Deep Leanrning

LANGUAGES

- Urdu
- English

LINKS

- https://github.com/ehtisham-Fazal
- http://arxiv.org/abs/2212.10567
- https://www.quora.com/profile/Ehtisham-Fazal
- https://www.kaggle.com/ehtishamfazal

PROGRAMMING SKILLS

Open CV

pytorch

Tensor Flow

scikit-learn

Pandas

AI Researcher

PAF-KIET |NOV,2021-JUNE,2022

Worked on the project of National Center in Big Data and Cloud Computing
Face Recognition system using AI models
Frontal face distance estimation from camera using ML Models

Cloud Security Analyst

Eitacies Inc | FEB,2022-JULY,2022

Discover the new SaaS applications based on the given categories
Develop BU signatures for the SaaS applications
Develop GC signatures for the SaaS applications
Working with Wireshark & Fiddler for network traffic analysis.
Working with Python libraries for decryption of SSL traffic and automated network log analysis.
Working with Developer tools & Debugger for analysis of API and JS calls
Find security attributes for SaaS applications.
Enforce content and context-based policies upon users while having deep visibility into user activities.

Projects

Automatic License Number Plate Recognition System
CNN for Image Colorization using Deep Transfer Learning
Deep Learning Project for Text Detection in Images
Handwriting Recognition using Machine learning model
House Price Prediction using conventional machine learning model
MNIST Handwritten Digit Classification using deep learning model
Robust NLP-based Chatbot system
Web scraping of multiple website using beautiful soup and selenium etc

Achievements

Got Silver Medal in Bachelors of Engineering Degree
Achieved two college honor badge Awards.
Achieved 2 dean badge award.
participated in GIKI university 'Design build and fly competition' 2018 as team Aviators.
participated in SUPARCO 'university project competition and demonstration 2019' for project multipurpose fast aerobatic UAV.
Runner up in FAST university DAIRA 2019 'project exhibition competition '

Publications

https://www.researchgate.net/publication/366497527_Anticancer_Peptides_Classification_using_Kernel_Sparse_Representation_Classifier