



Alireza Kiaeipour

Machine Learning Engineer

Profile

Programmer in the information technology and services industry.
Skilled in Python, Image Processing, Machine Learning, Deep Learning,
Graduated engineer from Sadjad University of Technology.

Education

Security Information Technology Bachelor, Sadjad University of Technology, Mashhad

September 2014 – September 2019

Projects

Helmet Detection

June 2022

Helmet Detection Using YOLOv5 Algorithm. [GitHub repo](#)

Sketch to Face

April 2022

Convert sketch to face pix2pix using U-Net architecture. [GitHub repo](#)

Face Mask Detection

March 2022

Real-time Face Mask Detection using opencv, mediapipe, pyside6,
MobileNetV2 architecture. [GitHub repo](#)

CovidDiagnosis-XRay

February 2022

Covid-19 Diagnosis with lung X-Ray using TensorFlow2.0 & Keras.
[GitHub repo](#)

Human Parsing On Binary Images

June 2022

Human Parsing On Binary Images Using PyTorch. [GitHub repo](#)

Emotion Detection

April 2022

Real-time Emotion Detection using keras, opencv, mediapipe, pyside6.
[GitHub repo](#)

Forest Fire Detection

February 2022

Forest Fire Detection using TensorFlow2.0 & Keras. [GitHub repo](#)

Face Generate

April 2022

Face Generate with Deep Convolutional Generative Adversarial
Network (DCGAN) using TensorFlow2.0 & Keras. [GitHub repo](#)

Details

Mashhad

Iran, Islamic Republic of

+989156229320

a.kiaeipour@gmail.com

Date of birth

1996

Links

[GitHub](#)

[Linkedin](#)

Skills

Python

QT

Machine Learning

Deep Learning

TensorFlow

PyTorch

Image Processing

Git

SQL

Hardworking

Languages

Persian

English

Waste Classification

March 2022

Waste Classification between Organic and Recyclable with Xception architecture. [GitHub repo](#)

Houses Price

March 2022

Houses Price Estimation with Multi Channel and using TensorFlow2.0 & Keras. [GitHub repo](#)

Age Estimation

March 2022

Age Estimation from face using PyTorch. [GitHub repo](#)

ToDoList

October 2021

GUI ToDoList for manage daily tasks sqlite3 & pyside6. [GitHub repo](#)

Brain Tumor

March 2022

Brain Tumor Diagnosis with MRI and use InceptionV3 architecture. [GitHub repo](#)

Cryptography

December 2021

Cryptography app with capabilities generate key, crypton, decryption, digital signature, signature verification, hash using pyside6. [GitHub repo](#)

Credit Risk

February 2022

Credit Risk EDA & Model using machine learning algorithms. [GitHub repo](#)

Breast Cancer

February 2022

Diagnosis of benign or malignant cancer using pandas, numpy, sklearn, xgboost, catboost. [GitHub repo](#)

Traffic Sign Recognition

March 2022

Traffic Sign Recognition using TensorFlow2.0 & Keras. [GitHub repo](#)

Courses

Python for Data Science, Sololearn

January 2022

Machine Learning, Sololearn

February 2022

MCSA, EuroCert

April 2015