Face recognition python

Am instalat Cmake folosing comanda in terminal pip install cmake

Am instalat libraria opencv folosing comanda in terminal : pip install opencv-python

Am instalat libraria face\_recognition in terminal : pip install face\_recognition

Codul folosit:

import cv2

import sys

imagePath = sys.argv[1]

cascPath = "haarcascade\_frontalface\_default.xml"

faceCascade = cv2.CascadeClassifier(cascPath)

image = cv2.imread(imagePath)

gray = cv2.cvtColor(image, cv2.COLOR\_BGR2GRAY)

faces = faceCascade.detectMultiScale(

gray,

scaleFactor=1.1,

minNeighbors=5,

minSize=(30, 30),

flags = cv2.cv.CV\_HAAR\_SCALE\_IMAGE

)

print("Found {0} faces!".format(len(faces)))

for (x, y, w, h) in faces:

cv2.rectangle(image, (x, y), (x+w, y+h), (0, 255, 0), 2)

cv2.imshow("Faces found", image)

cv2.waitKey(0)



