PROJECT TITLE: THE FACE DETECTIVE SYSTEM

Purpose: To improving the visualization and identification of Human Beings for Bots

Specialty: Less codes and so, Less memory required, Nano bots are also beneficed

(Due to lack of open cv in my laptop, I have Send this codes in word format.)

>>> import cv2

>>>

#Get user Supplied values

imagePath = sys.argv (1)

cascPath = sys.argv(2)

#Create the haar cascade

faceCascade = cv2.cascade Classifier (casc path)

#Read the image

Image = cv2.imread (imagepath)

gray = cv2.cvtcolor(image, [cv2.color\_BGR@GRAY](mailto:cv2.color_BGR@GRAY))

#detect faces in the image

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))

#Draw a rectangle around the 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)