

Project 3

Object Detection

Model used :

Deep learning neural net **MTCNN** for face detection

Multi-Task Cascaded Convolutional Neural Networks is a neural network which detects **faces** and **facial** landmarks on images.

And used Cascade for eyes detection

Commands to run:

To run mtcnn in the program

Pip3 install mtcnn –opencv

To run the program the command is:

python3 proj3.py –folder proj3.winks or

python3 mtcnnNew.py –folder winks

python3 proj3.py –webcam

In my output 17 eye winkings are detecting.