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main

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Slot-D-192121004-Shreya-S-Vittal-ITA0502-Computer-Vision / Smile Detection.py

Shreya-S-Vi

Add files via upload

8a4615f · 3 days ago

History

Code

Blame

10 lines (9 loc) · 395 Bytes

Code 55% faster with GitHub Copilot

Raw

```
1  import cv2
2  img = cv2.imread(r"C:/Users/vitta/Desktop/Smile.jpg")
3  gray_img = cv2.cvtColor(img,cv2.IMREAD_GRAYSCALE)
4  haarcascade =cv2.CascadeClassifier(cv2.data.haarcascades+"haarcascade_smile.xml")
5  faces_rec = haarcascade.detectMultiScale(gray_img,1.1,10)
6  for (x,y,w,h) in faces_rec:
7      cv2.rectangle(img,(x,y),(x+w,y+h), (0,255,0), 2)
8
9  cv2.imshow('Detected faces',img)
10 cv2.waitKey(0)
```