

Files

main



Go to file



Histogram Analysis - Output ...

Histogram Analysis - Output ...

Histogram Analysis.py

Histogram Equalizer - Output...

Histogram Equalizer.py

Image Segmentation - Outpu...

Image Segmentation.py

Image Translation - Output.png

Image Translation.py

Insert Watermarking on imag...

Insert Watermarking on imag...

Morphological Operations - B...

Morphological Operations - B...

Morphological Operations - C...

Morphological Operations - C...

Morphological Operations - ...

Morphological Operations - ...

Morphological Operations - E...

Slot-D-192121004-Shreya-S-Vittal-ITA0502-Computer-Vision / Insert Watermarking on image.py



Shreya-S-Vi

Add files via upload

d506b10 · 2 days ago



History

Download raw file

Code

Blame

20 lines (19 loc) · 631 Bytes



Code 55% faster with GitHub Copilot

Raw



```
1  import cv2
2  img = cv2.imread("C:/Users/vitta/Desktop/Bird.jpg")
3  wm = cv2.imread("C:/Users/vitta/Pictures/Logo.png")
4  cv2.imshow("Original Image",img)
5  cv2.imshow("Watermark to be placed",wm)
6  h_wm, w_wm = wm.shape[:2]
7  h_img, w_img = img.shape[:2]
8  center_x = int(w_img/2)
9  center_y = int(h_img/2)
10 top_y = center_y - int(h_wm/2)
11 left_x = center_x - int(w_wm/2)
12 bottom_y = top_y + h_wm
13 right_x = left_x + w_wm
14 roi = img[top_y:bottom_y, left_x:right_x]
15 result = cv2.addWeighted(roi, 1, wm, 0.3, 0)
16 img[top_y:bottom_y, left_x:right_x] = result
17 cv2.imshow("Watermarked Image", img)
18 cv2.waitKey(0)
19 cv2.destroyAllWindows()
20
```