


iTerm2ShellEditViewSessionScriptsProfilesToolbeltWindowHelp

YoonjungChoi's Videos



captureWebca... (7) - JupyterL

Update

le.ipynxcaptureWebcam.ipynrXMNIST_.ipynbUntitled1.ipynb

Python 3 (ipykernel)

yoonyung@Myungjongs-MacBook-Pr... 1

Last login: Wed Oct 5 13:45:30 on ttys000
(base) → ~ whoami
yoonyung
(base) → ~ pwd
/Users/yoonyung
(base) → ~

anaconda_yoo...	a month ago
captureWebca...	seconds ago
CNN_Demo.ip...	13 days ago
ContourExam...	a day ago
cv2_gray_dog...	a day ago
dog.png	a month ago
greyscale.png	13 days ago
homework-TF-...	20 days ago
hw1_canny_ed...	a day ago
hw1_opencv_c...	22 days ago
MNIST_.ipynb	a day ago
NN_SUDO.ipyn...	a day ago
openCV_yoonj...	a month ago
ori_color.JPG	a month ago
SID.JPG	6 days ago
Tensorflow ins...	20 days ago
UnofficialTran...	a month ago
Untitled1.iovnb	13 days ago

```
import cv2
import numpy as np

cap = cv2.VideoCapture(0)

while(1):

    _, frame = cap.read()

    hsv = cv2.cvtColor(frame, cv2.COLOR_BGR2HSV)

    lower_red = np.array([30,150,50])
    upper_red = np.array([255,255,180])

    mask = cv2.inRange(hsv, lower_red, upper_red)
    res = cv2.bitwise_and(frame,frame,mask= mask)'''

    gray = cv2.cvtColor(frame, cv2.COLOR_BGR2GRAY)
    edges = cv2.Canny(frame,100,200)

    #for stack
    grayToBgr = cv2.cvtColor(gray,cv2.COLOR_GRAY2BGR)
    edgesToBgr = cv2.cvtColor(edges,cv2.COLOR_GRAY2BGR)

    cv2.imshow("YoonjungChoi's Videos", np.hstack([frame, grayToBgr,edgesToBgr]))

    k = cv2.waitKey(5) & 0xFF
    if k == 27:
        break

cv2.destroyAllWindows()
cap.release()
```

Simple 0 7 Python 3 (ipykernel) | Busy

Mode: Command Ln 1, Col 1 captureWebcam.ipynb