import cv2 as cv

import numpy as np

import pytesseract as pyt

image = cv.imread('tilted2.png')

gray = cv.cvtColor(image,cv.COLOR\_BGR2GRAY)

gray = cv.bitwise\_not(gray)

ret,thresh = cv.threshold(gray,0,255,cv.THRESH\_BINARY)

cv.imshow('Thresholded',thresh)

cv.waitKey(1000)

coords = np.column\_stack(np.where(thresh > 0))

rect = cv.minAreaRect(coords)

angle = cv.minAreaRect(coords)[-1]

if angle < -45:

angle = -(90 + angle)

else:

angle = -angle

print("angle is : {:.3f}".format(angle)+"degrees")

(h, w) = image.shape[:2]

center = (w//2, h//2)

M = cv.getRotationMatrix2D(center, angle, 1.0)

rotated = cv.warpAffine(image, M, (w,h),

flags=cv.INTER\_CUBIC,

borderMode=cv.BORDER\_REPLICATE)

cv.imshow("Rotated",rotated)

cv.waitKey(0)

cv.destroyAllWindows()

text = pyt.image\_to\_string(rotated)

print(text)