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Experiment 13:

Perform Affine Transformation on the given image using python and Open CV.

**Code:**

```
import cv2  
  
import numpy as np  
  
img = cv2.imread("Person.jpg")  
  
rows, cols = img.shape[:2]  
  
src_pts = np.float32([[0, 0],[cols - 1, 0],[0, rows - 1]])  
  
dst_pts = np.float32([[50, 50],[cols - 100, 40],[70, rows - 80]])  
  
M = cv2.getAffineTransform(src_pts, dst_pts)  
  
affine_img = cv2.warpAffine(img, M, (cols, rows))  
  
cv2.imshow("Original Image", img)  
  
cv2.imshow("Affine Transformed Image", affine_img)  
  
cv2.waitKey(0)  
  
cv2.destroyAllWindows()
```

**Input:**



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