ITA0520 – Computer Vision For Image Analysis

Name: Aryan.KS(192325051)

Experiment 4:

Implement histogram equalization on the given image and compare it with the original image using Open CV.

Code:

```
import cv2

image = cv2.imread("Person.jpg")

gray = cv2.cvtColor(image, cv2.COLOR_BGR2GRAY)

equalized = cv2.equalizeHist(gray)

cv2.imshow("Original Grayscale", gray)

cv2.imshow("Histogram Equalized", equalized)

cv2.waitKey(0)

cv2.destroyAllWindows()
```

Output: