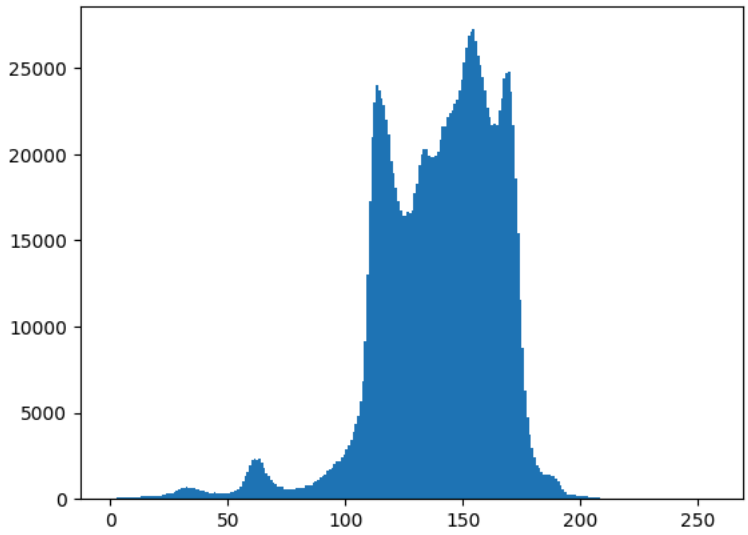
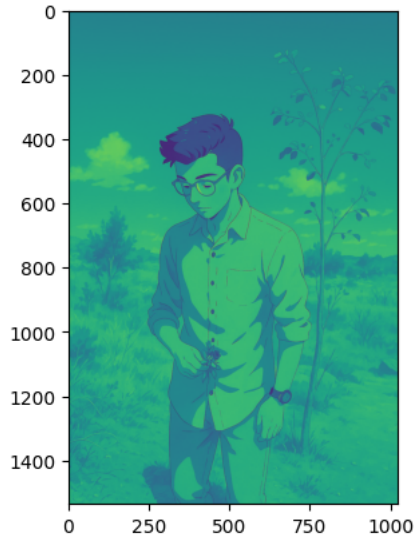
Histogram of Image

```
import numpy as np
import cv2 as cv
from matplotlib import pyplot as plt
```

```
img = cv.imread('/content/ChatGPT Image Apr 1, 2025, 04_31_37 PM.png', cv.IMREAD_GRAYSCALE)
assert img is not None, "file could not be read, check with os.path.exists()"
plt.hist(img.ravel(),256,[0,256]); plt.show()
plt.imshow(img)
```

```
/tmp/ipython-input-2952022148.py:3: MatplotlibDeprecationWarning: Passing the range parameter of hist() positionally is deprecated
  plt.hist(img.ravel(),256,[0,256]); plt.show()
```




```
<matplotlib.image.AxesImage at 0x7ae38d44ca90>
```