Guided Projects Artificial Intelligence & Machine Learning

Guided Projects: Unsupervised Learning

Adaptive Thresholding: Edge Detection in Images

Question:

Using OpenCV, first convert any image with varying ligh condition to a grayscale image. Now implement edge detection first using the canny edge detection. Then apply simple thresholding and also Adaptive/OTSU thresholding using OpenCV to see the working of each of these methods. Once you obtain good results, use the obtained edge detection result as a mask to give color to all the edges (if edges use the color from the original image, else leave it black only.