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COMPSCI 373 Extension Report

For the image processing assignment's extension, I decided to use easyOCR to detect and read the text in the processed license plates from the images provided for use in the assignment. To format the image with openOCR, I cropped the image based on the detected license plate; this was achieved using the already-available Python library PIL. Following the cropping of the image, easyOCR was run on the image to attempt to detect text/numbers in the license plate. Provided by the output of easyOCR is a list of bounding box coordinates for each text component it saw, as well as the text itself and the confidence ranking for the detected text. I used this information in my extension to draw the bounding box around each Note that running the program for the first time requires a little extra time to download the easyOCR detection model. Also, note that two windows are open, one for the extension and the other for the central part of the assignment.