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jcs188
ECE 1390

1c. My corner detector does a great job in recognizing the corners of the building including the doors and poles/beams on the building, but doesn't recognize many corners in the background that are less apparent like corners in the trees, benches, or lawn. This is due to my corner detector only recognizes sharp changes in pixel intensity and there must be pixel similarities or not dramatic enough of a change in pixel intensity around the corners not detected.

3a. Translation vector: [-134 -87]

Percentage of matches: 10.514285714285714%

3b. Transformation Matrix: [[2.43882310e-01 -5.76715272e-02 1.86933770e+02]
 [5.76715272e-02 2.43882310e-01 0.00000000e+00]]

Percentage of matches: 8.732394366197182%