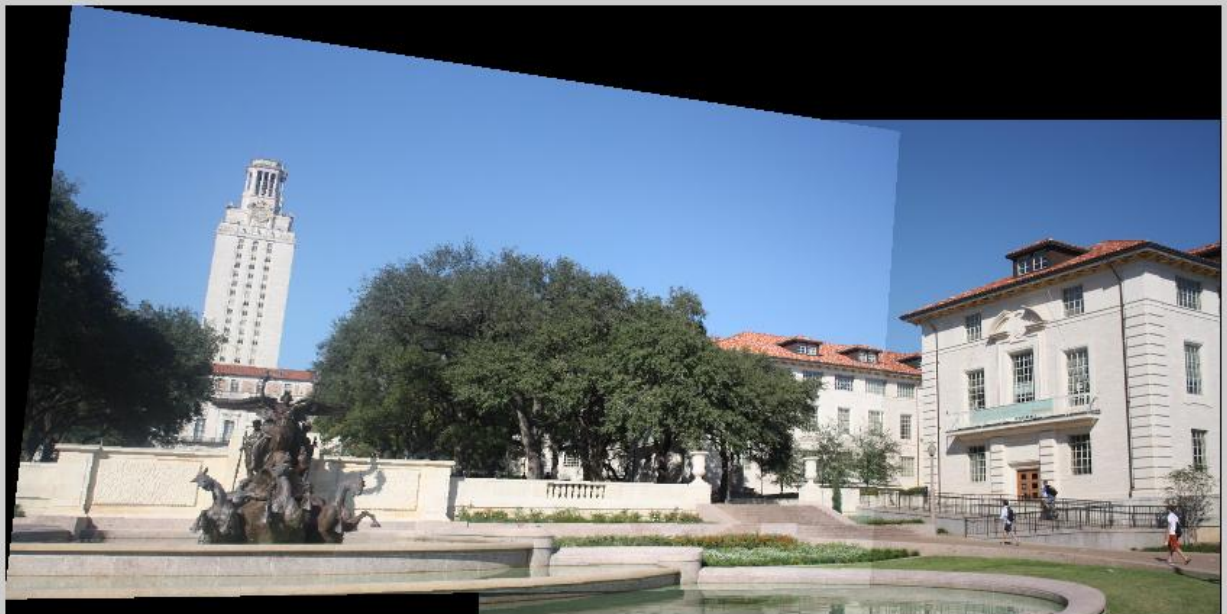


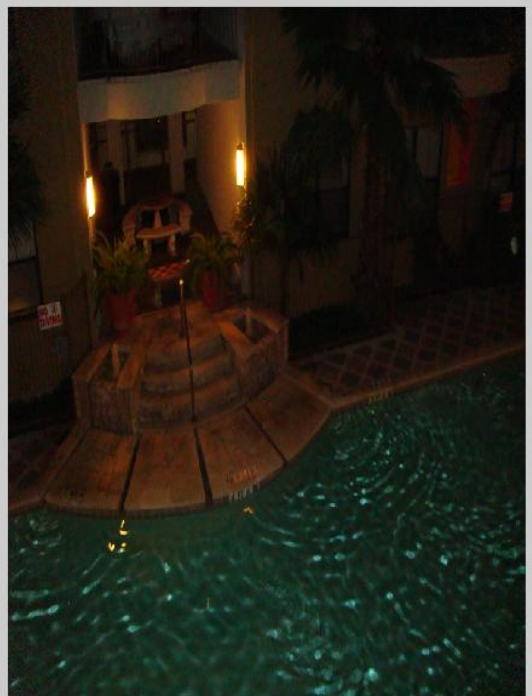
Josiah Godfrey
CS 378
CS username: josiah
PSet3-File 2

Part II.

1.



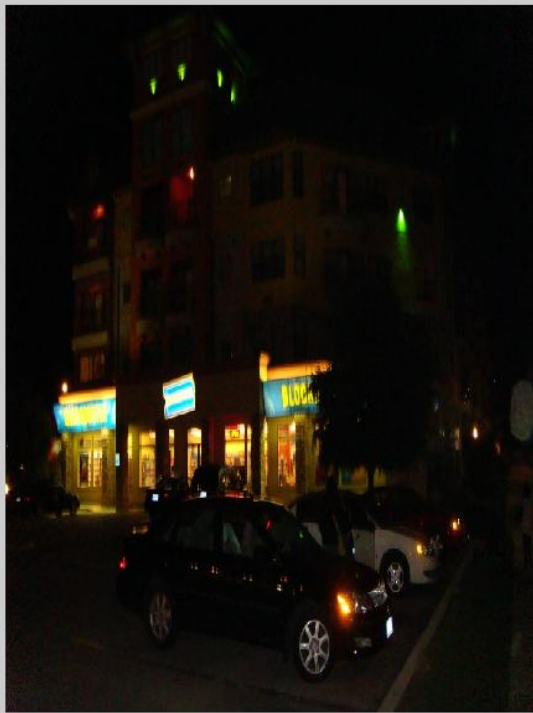
2. Originals



Mosaic



Originals



Mosaic



3.



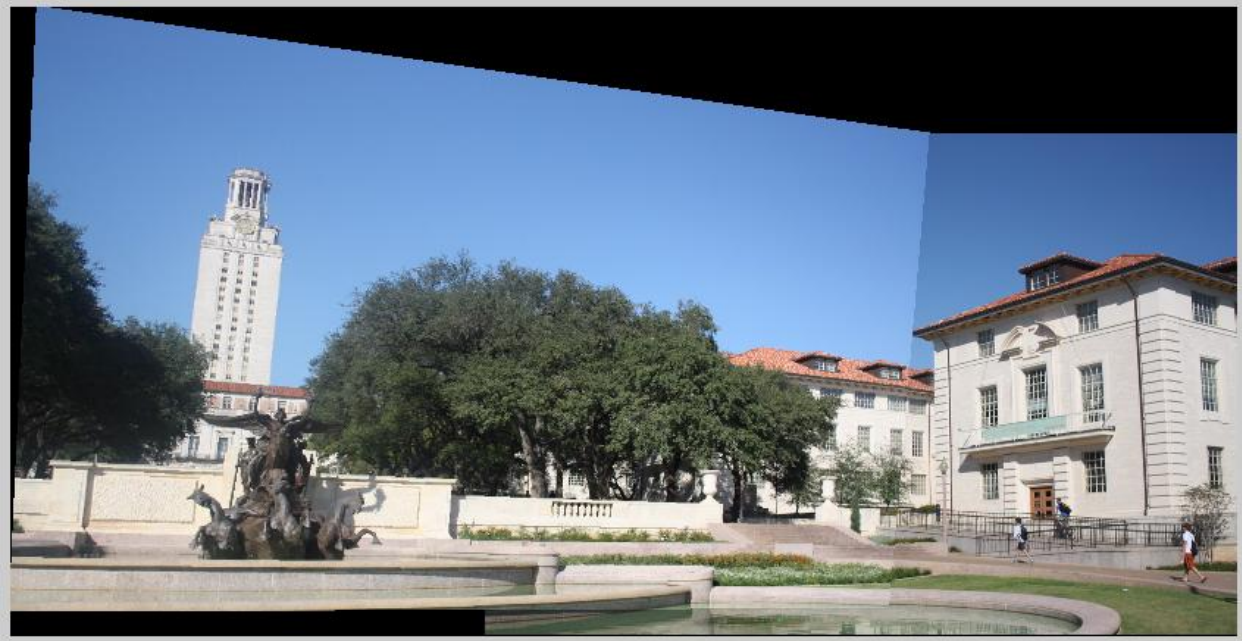
Part III (Extra Credit)

1.

(Non-RANSAC)



(RANSAC)

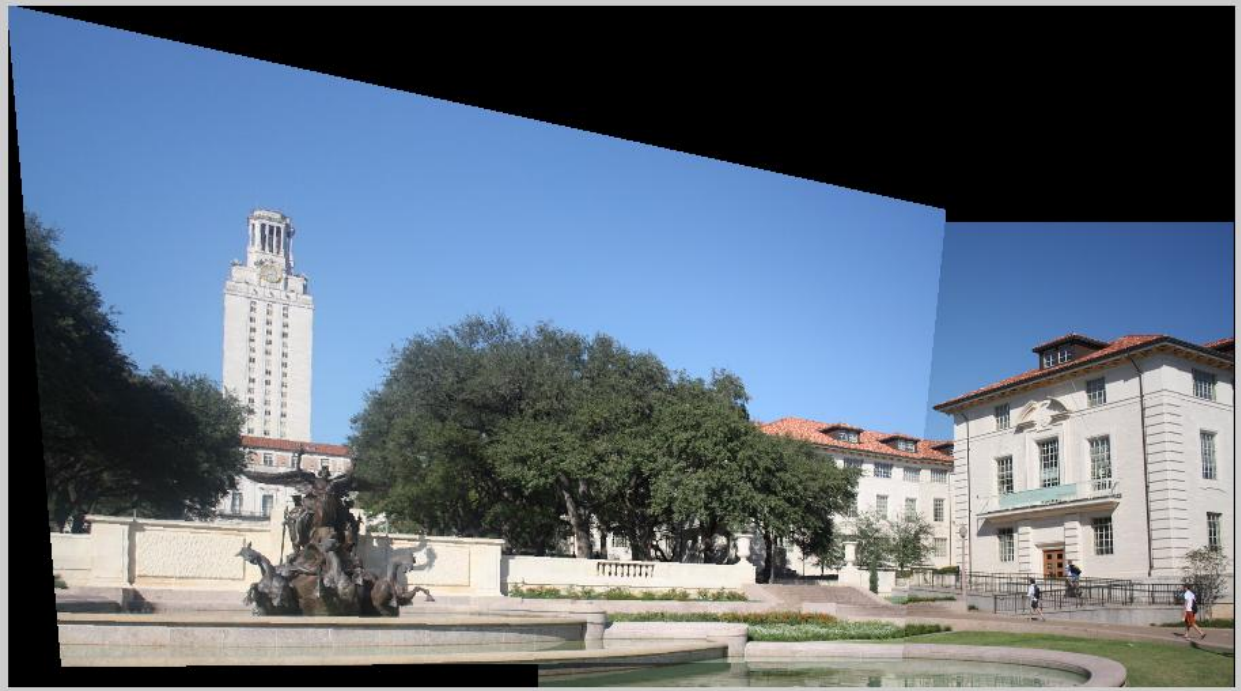


The RANSAC algorithm greatly improves the mosaic as it discards outliers. Using all correspondences causes the tower to be warped and the seam to be mismatched. The RANSAC image does not have these problems as it accurately warps the image.

2. (Non-Refined)

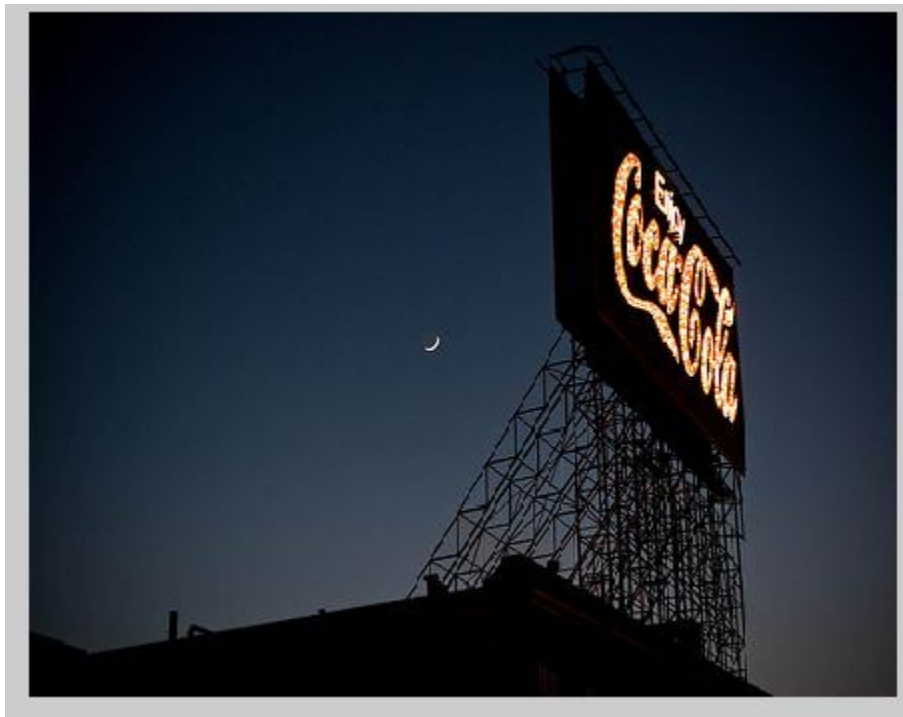


(Refined)



Using the SSD error correction helps to improve the mosaic. The non-refined image suffers from the images being out of proportion and the tower slants to the left (which is opposite of the original). The refined image corrects the proportions and the tower is not as warped.

3. (Original)



(Rectified)

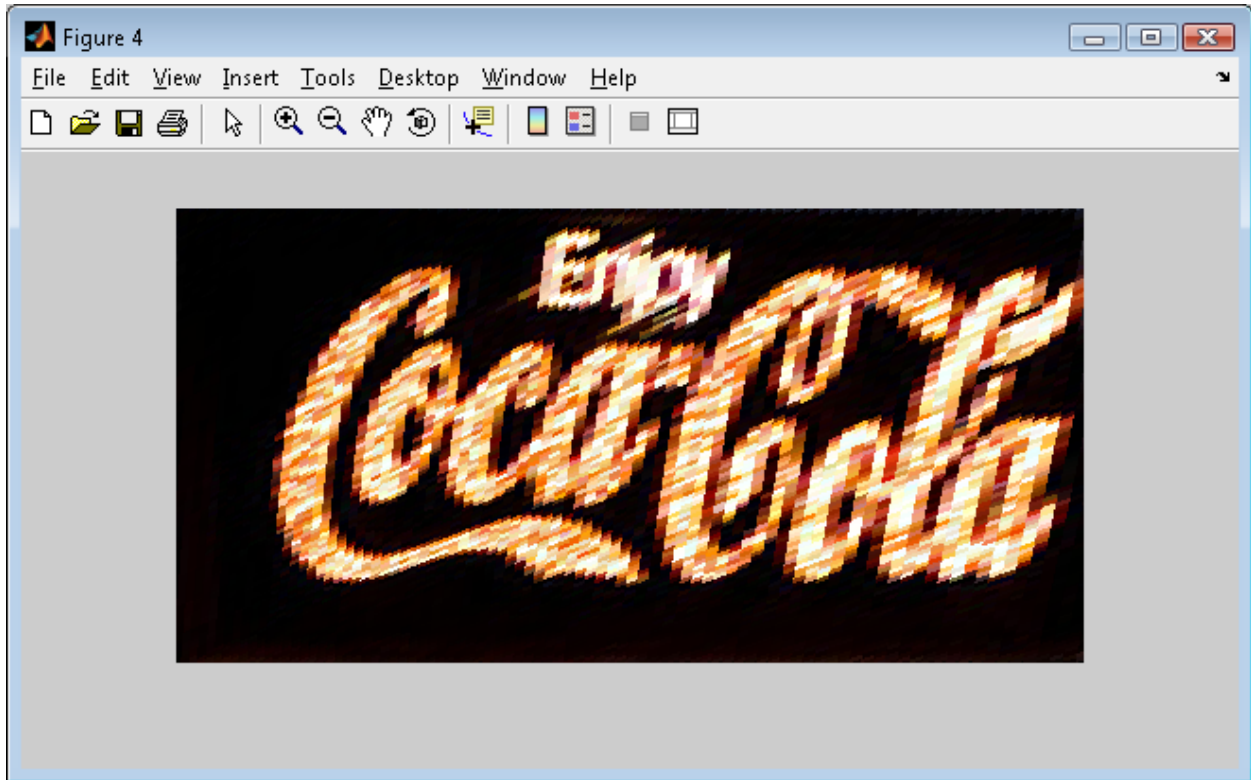


Image of DKR is taken from:

<http://ticketcity.files.wordpress.com/2008/09/dkr-new-end-zone2.jpg>

Image of Colt McCoy is taken from:

<http://www.n2fl.com/NFL%20Draft/colt-mccoy.jpg>

Image of Coca-Cola is taken from:

<http://www.flickr.com/photos/prawnpie/2557487681/>