Austin Small
CIS-581 Project 3 Results
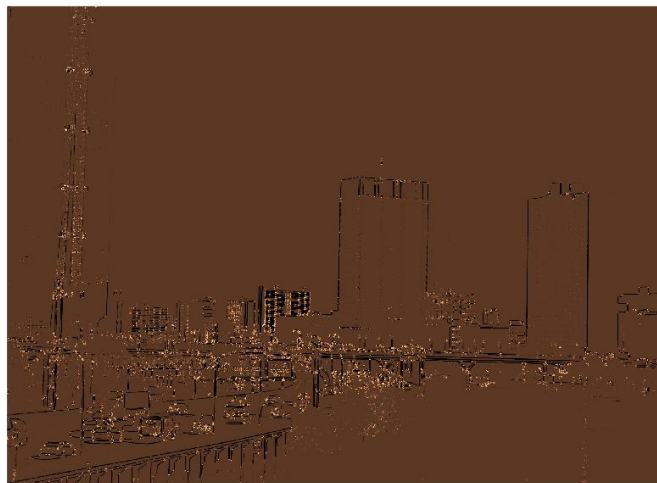
- **Final Stitched Mosaic:**

Final Mosaic
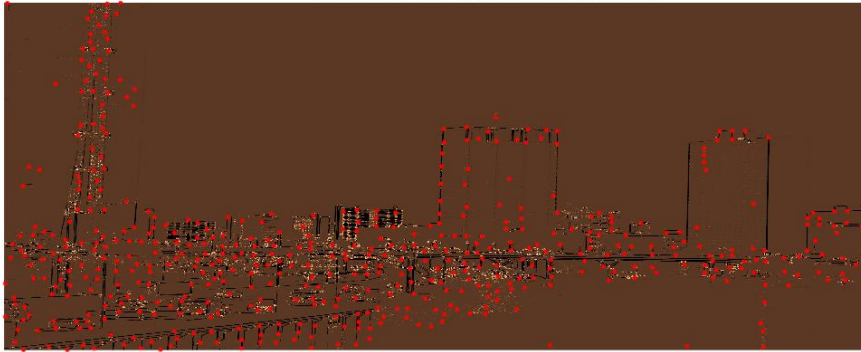

- **Corner Detection Result (First Image):**

Corner Detection Results (HARRIS Corner Detector)

- **ANMS (First Image):**
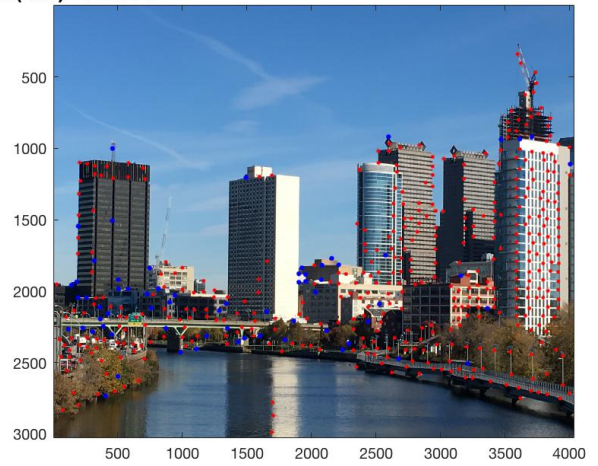

Adaptive Non-Max Suppresion
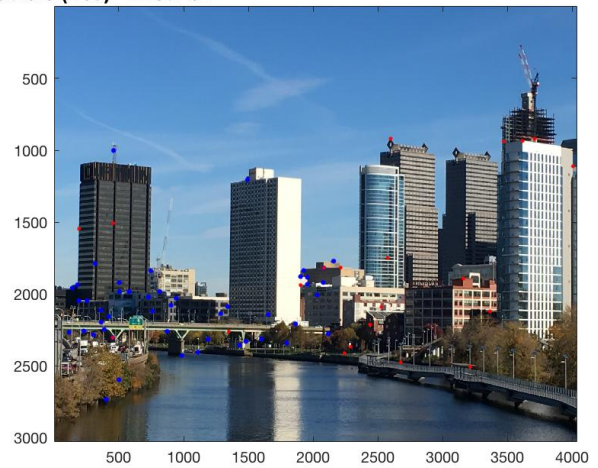

Adaptive Non-Max Suppresion

- **Final Matching Results:**

  - o First Pair

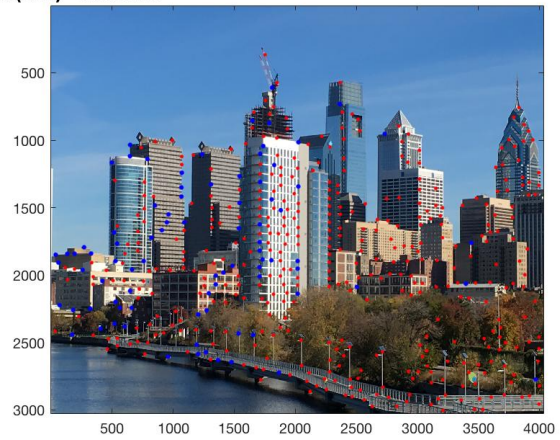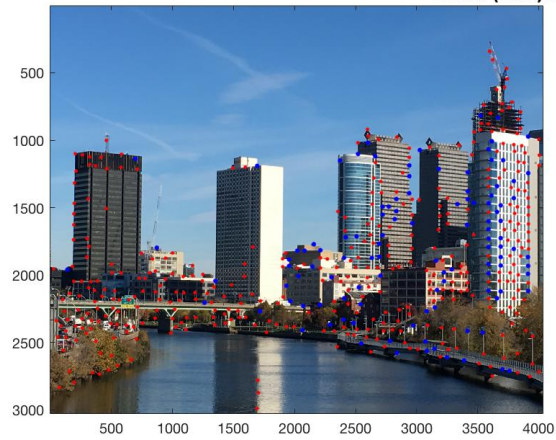**Inliers (Blue) and Outliers (Red) - First Pair**

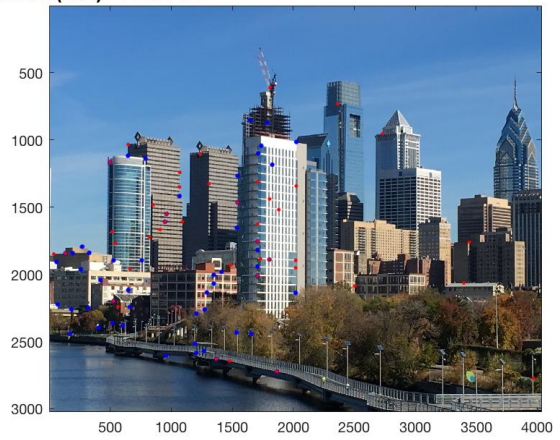**RANSAC Inliers (Blue) and Outliers (Red) - First Pair**

o   Second Pair

Inliers (Blue) and Outliers (Red) - First Pair

RANSAC Inliers (Blue) and Outliers (Red) - First Pair

o Third Pair

Inliers (Blue) and Outliers (Red) - First Pair

RANSAC Inliers (Blue) and Outliers (Red) - First Pair

o Fourth Pair

Inliers (Blue) and Outliers (Red) - First Pair
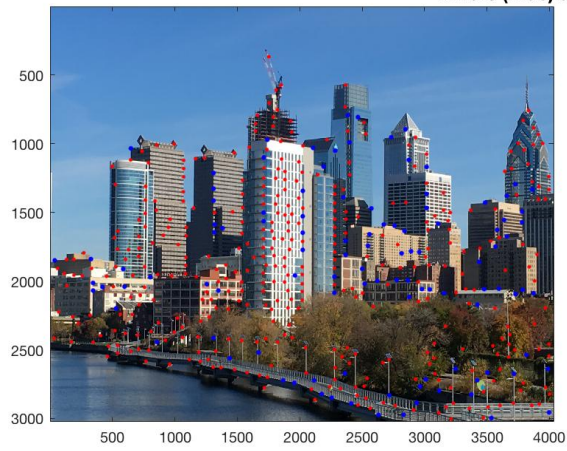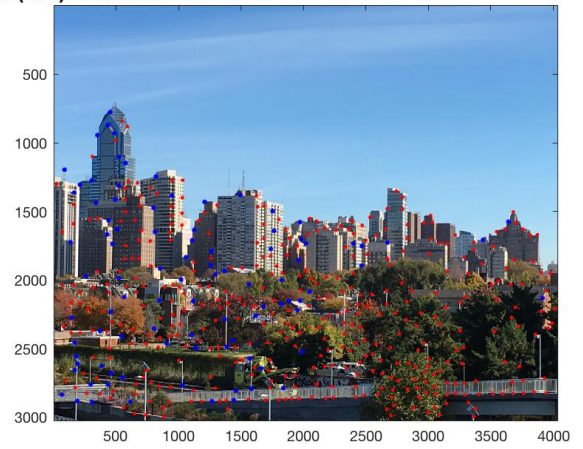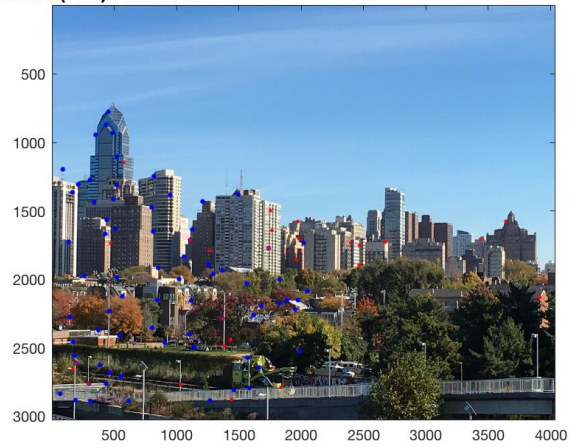

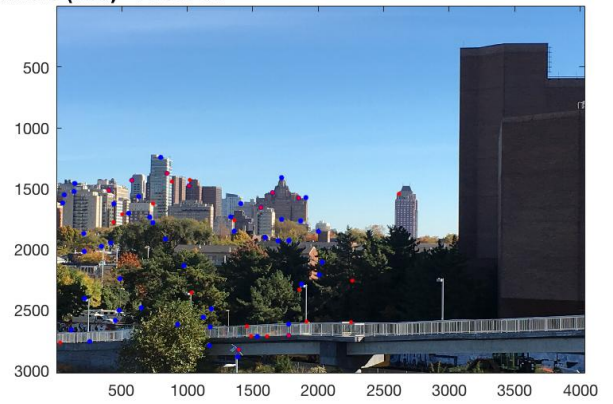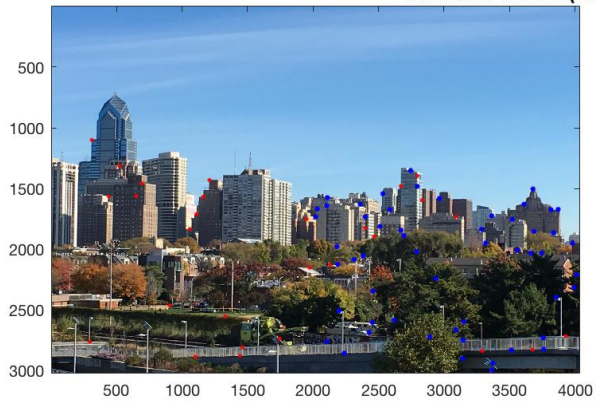**RANSAC Inliers (Blue) and Outliers (Red) - First Pair**

o Fifth Pair

Inliers (Blue) and Outliers (Red) - First Pair

RANSAC Inliers (Blue) and Outliers (Red) - First Pair

- **Additional Features:**

    I implemented alpha blending / feathering. As can be seen below, the results are fantastic. The first image is the mosaic prior to alpha blending. The second image is the final result – you can't even tell where the images merge!

Final Mosaic

Final Mosaic