

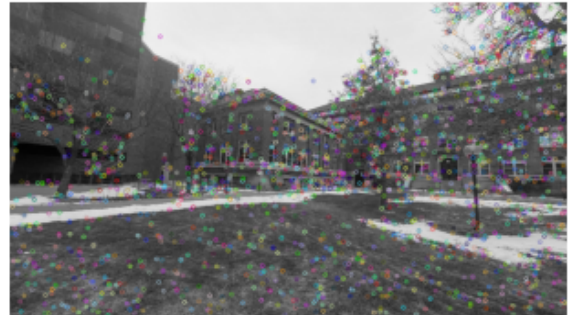
2.

1. Visualizing the keypoints

Original Image



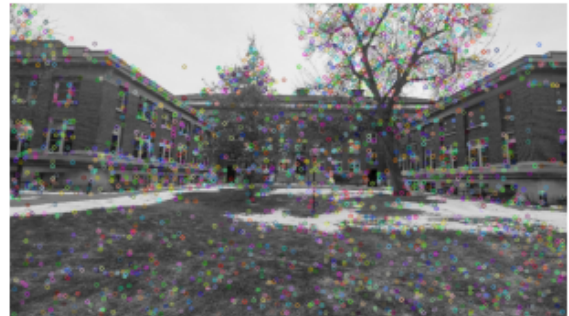
Image with Keypoints



Original Image

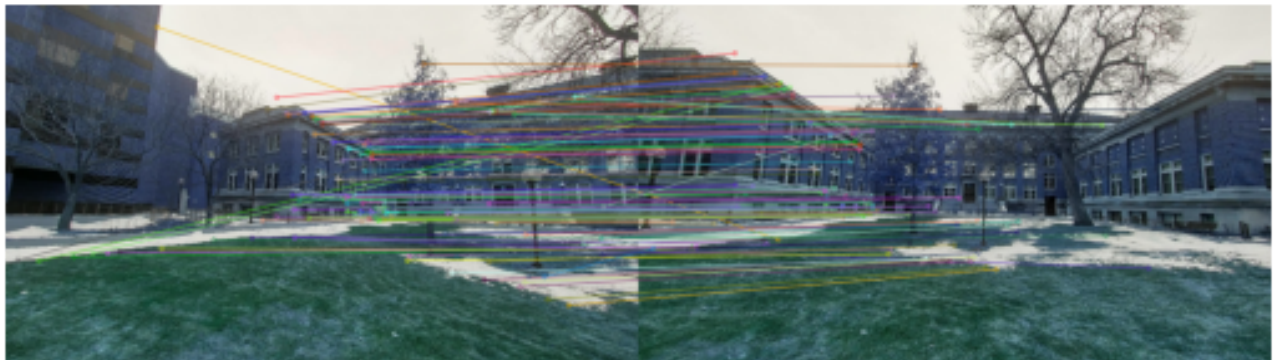


Image with Keypoints

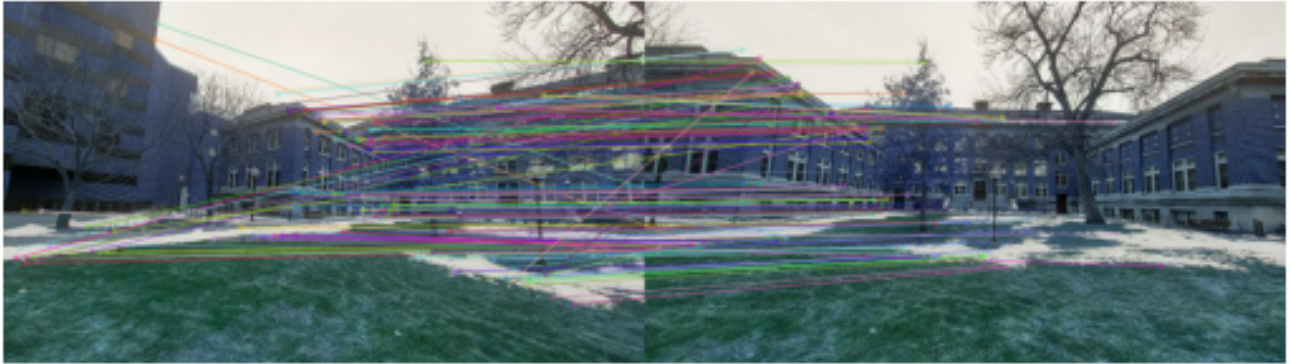


2.

BruteForce Matching (Good Matches)



### FlannBased Matching (Good Matches)



### 3. H matrix, 1 and 2

```
[ [-4.41834556e+01  2.63158299e-01  1.61225682e+04]
  [-1.33679586e+01 -2.77025160e+01  8.39994722e+03]
  [-4.57888614e-02 -2.43744309e-03  1.00000000e+00] ]
```

### 4.

#### Warping img1 wrt img2

Left Side of Panorama (img\_1 warped)



Right Side of Panorama (img\_2 warped)



#### Translating it to show more information

Left Side of Panorama (img\_1 warped)

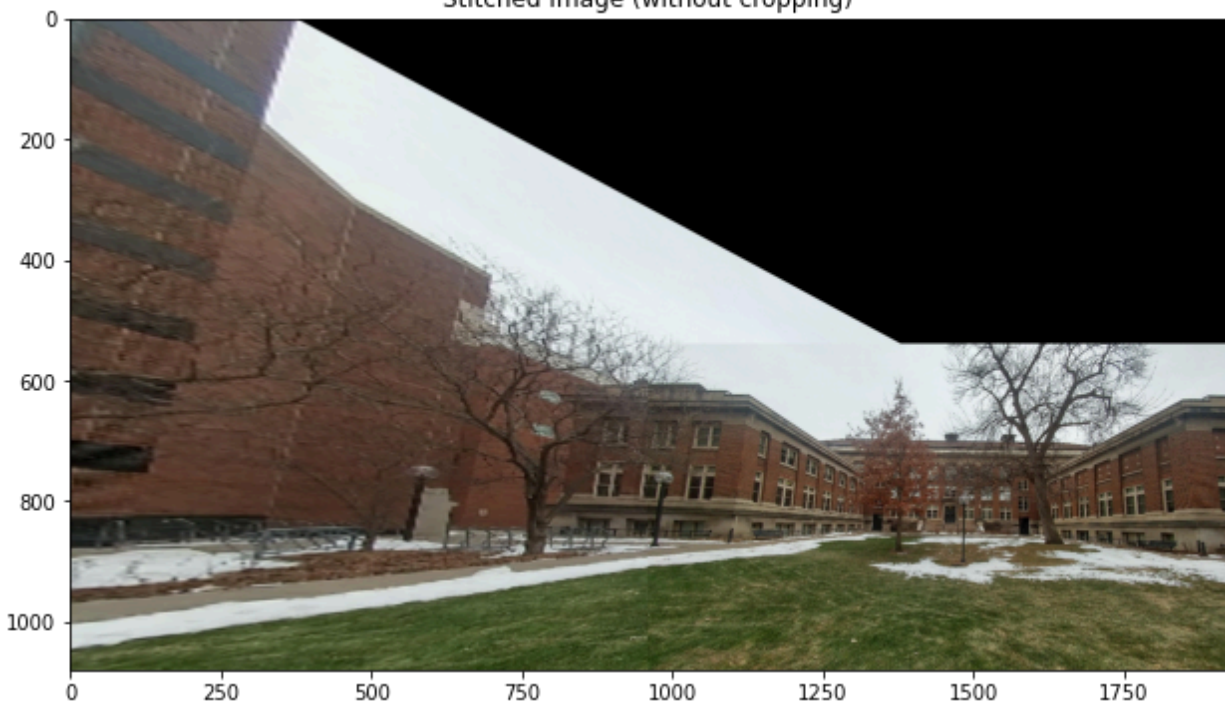


Right Side of Panorama (img\_2 warped)

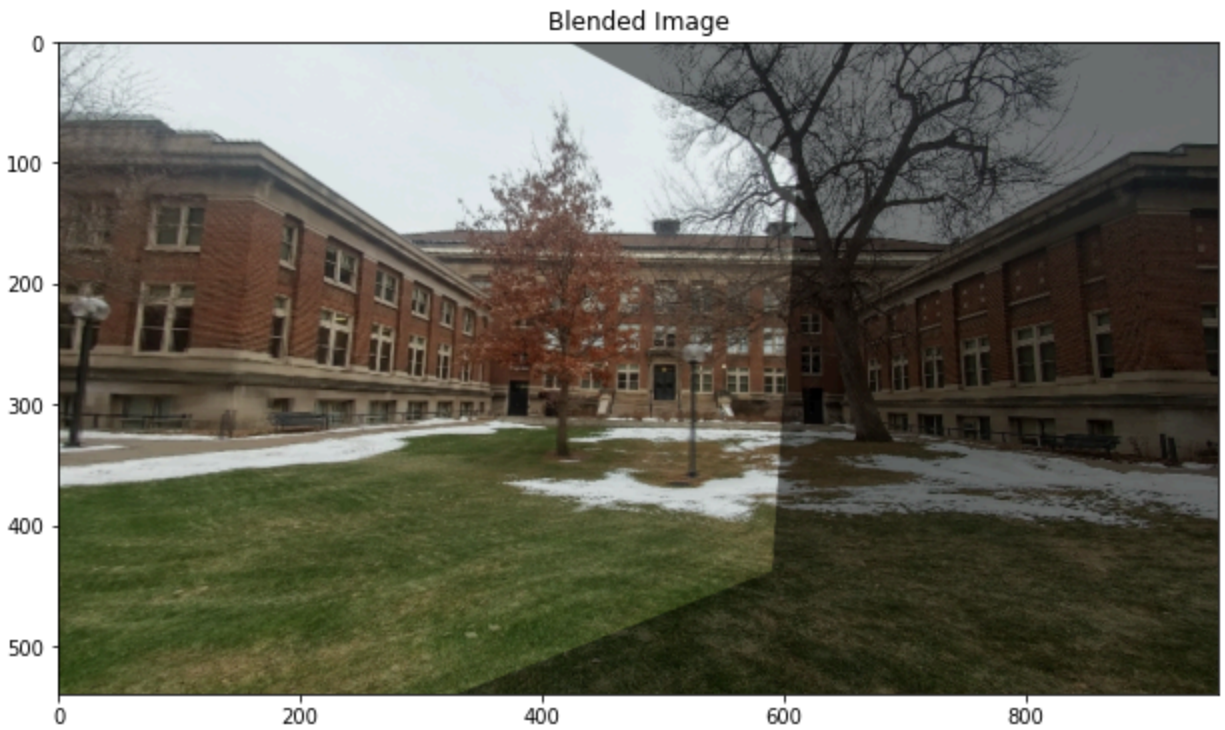


5.

Stitched Image (without cropping)







## 6. Stitching all the images to create a panorama

