CSE576_Yao-Chung Liang _1826630

Step1.

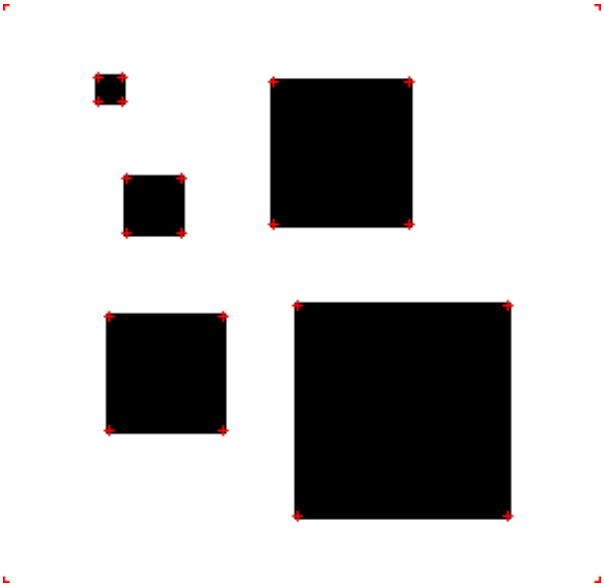

Fig 1. Harris corner. I don’t do the reflected padding to eliminate the resulting corner from zero padding.

Step2

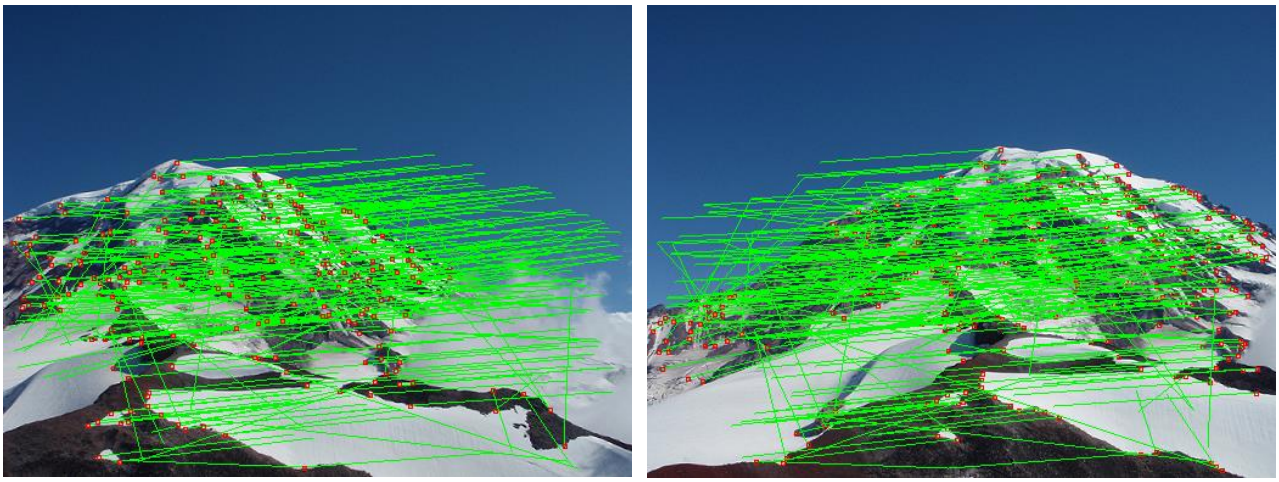

Fig 2. Find matches. By comparing corners’ descriptors and then get the closet corner pairs.

Step3

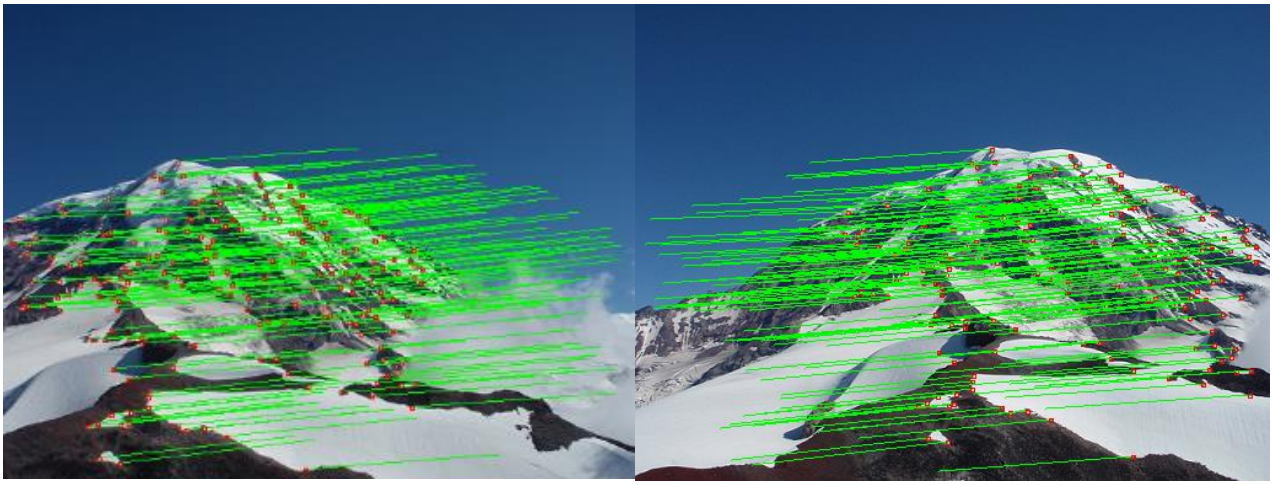

Fig 3. RANSAC the match corners. If iterations are higher, you probably get better final matches, which have the most pairs.

Step4

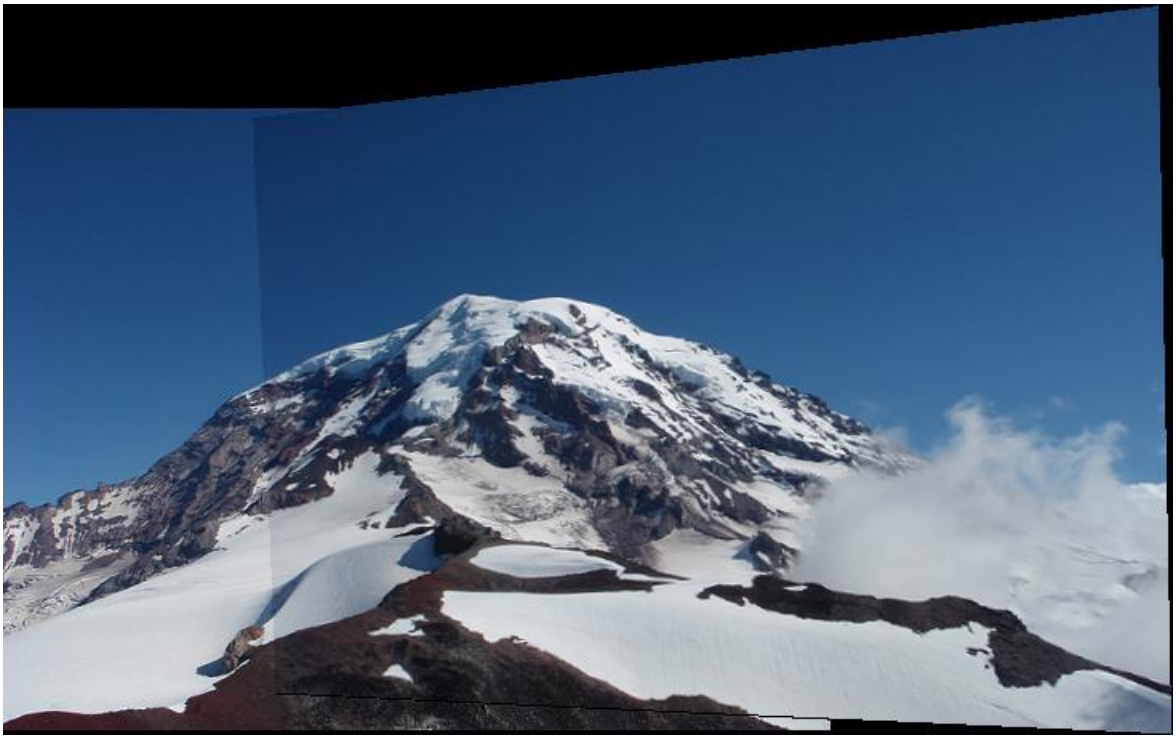

Fig 4. Stiches the rainer1.png and rainer2.png.

Extra credit:

Panorama (1 credit)

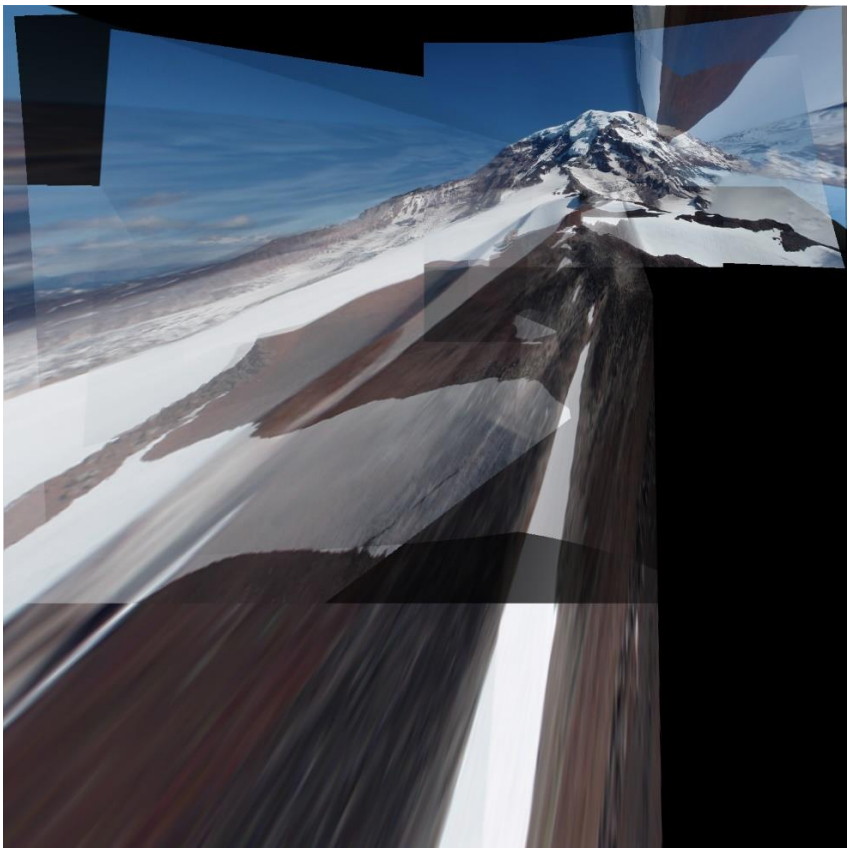

Fig 5. Panorama of mount Rainer. From my method, I add more fantastic imaginary elements inside of my graph which set off the view' beauty.

My Own Panorama (2 credit):

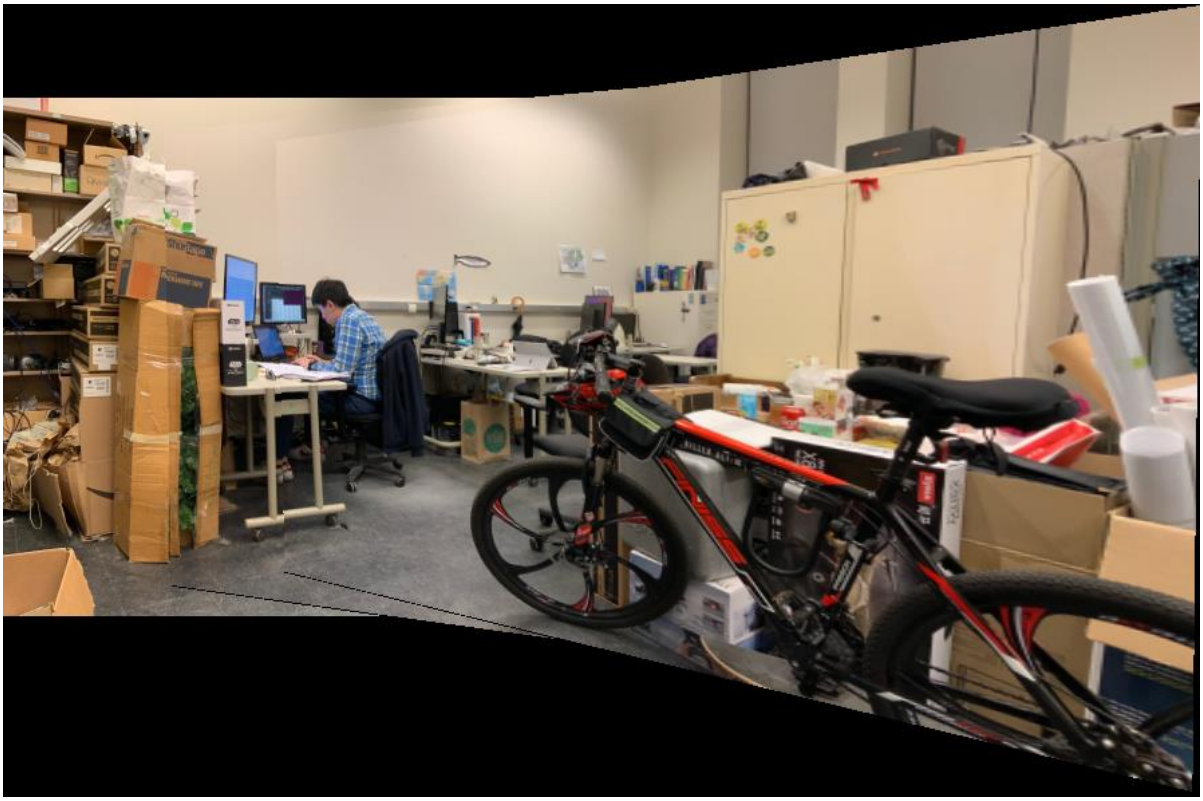

Fig 5. Panorama of my lab. From the 3 black lines below the front wheel, you can easily tell there are three images stitched together.

Blending(2 credit):

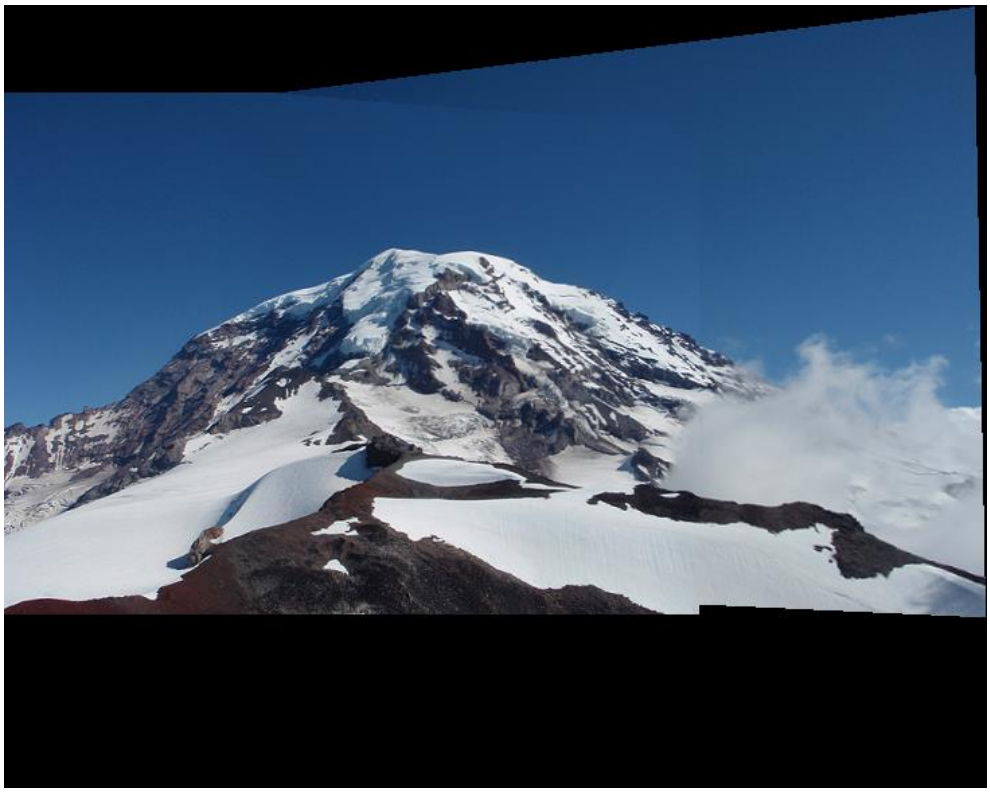

Fig 6. Using blending to process the stitched image.