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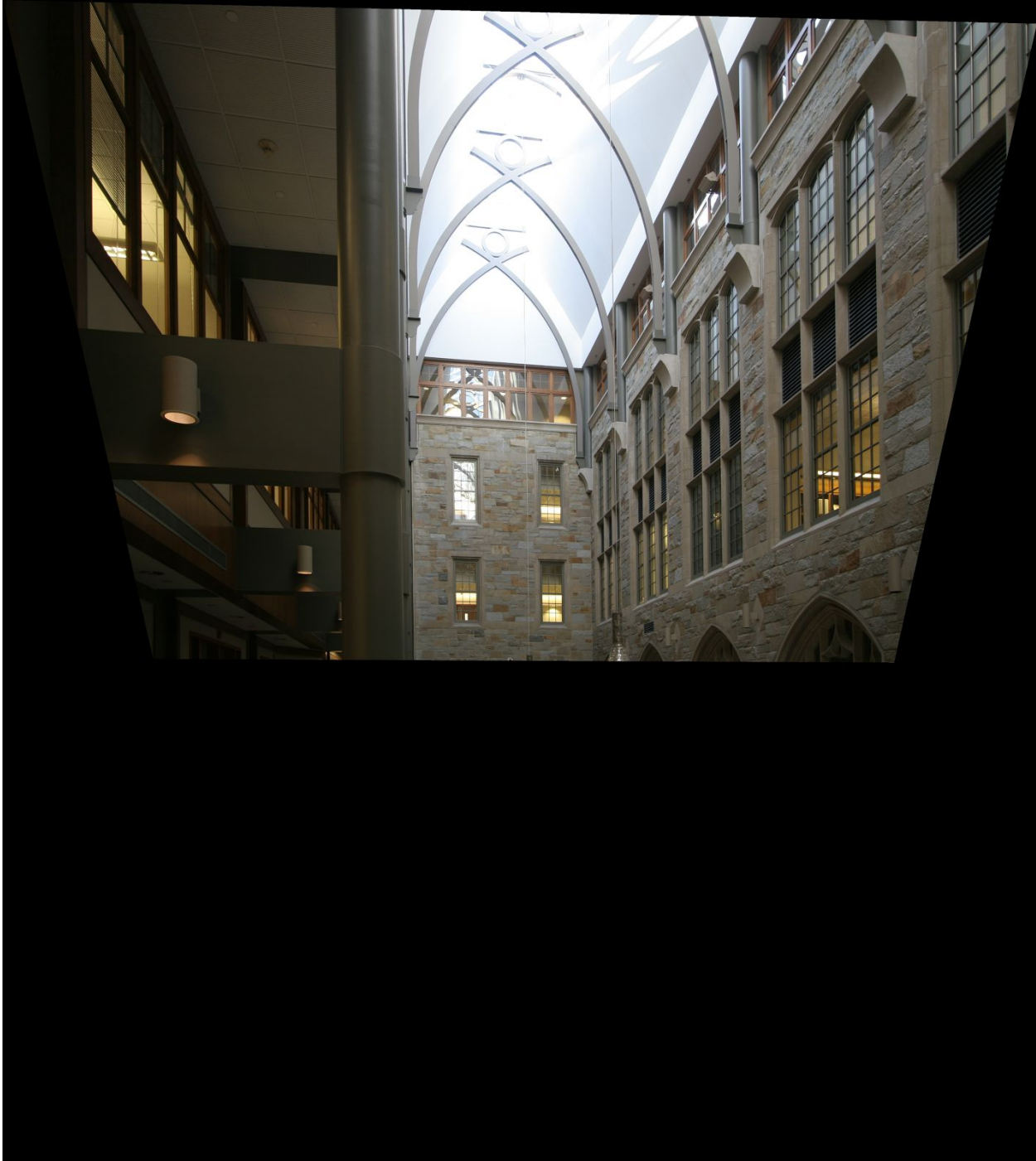
HW 2 Report

Homography Mosaics

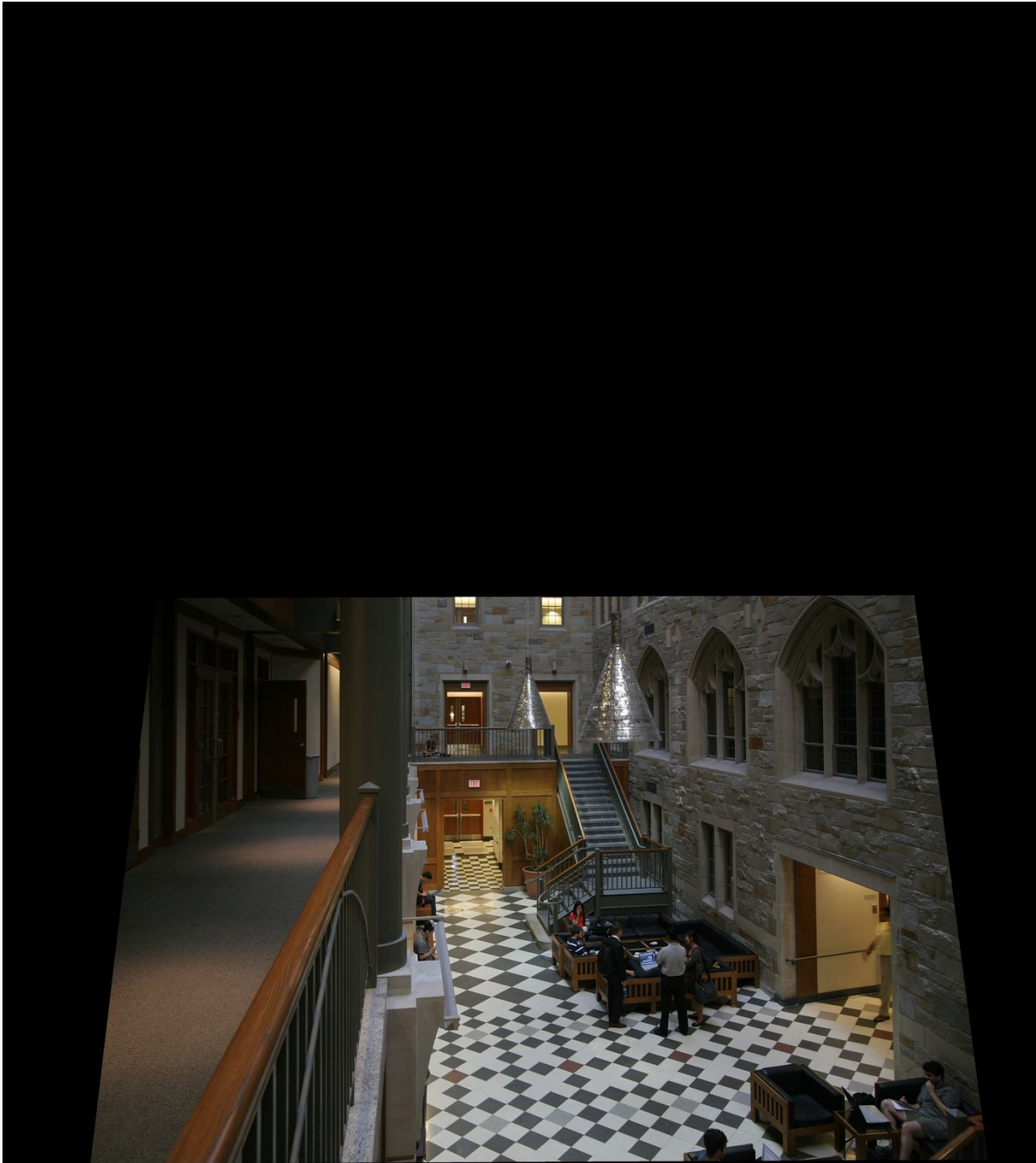
Here is the center image in the full mosaic plane.



Here is the top image warped to the center image.



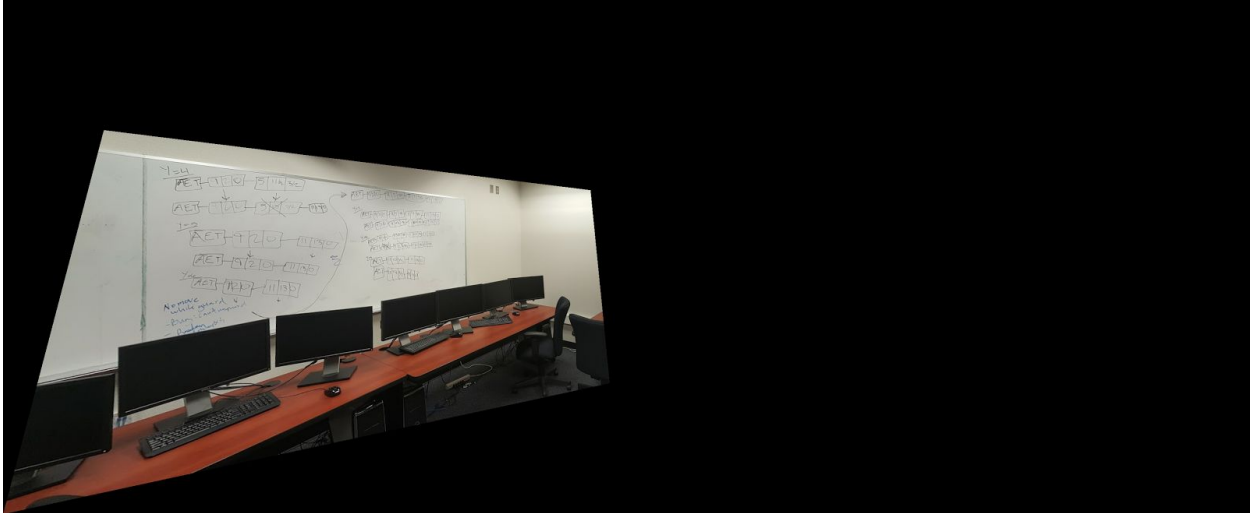
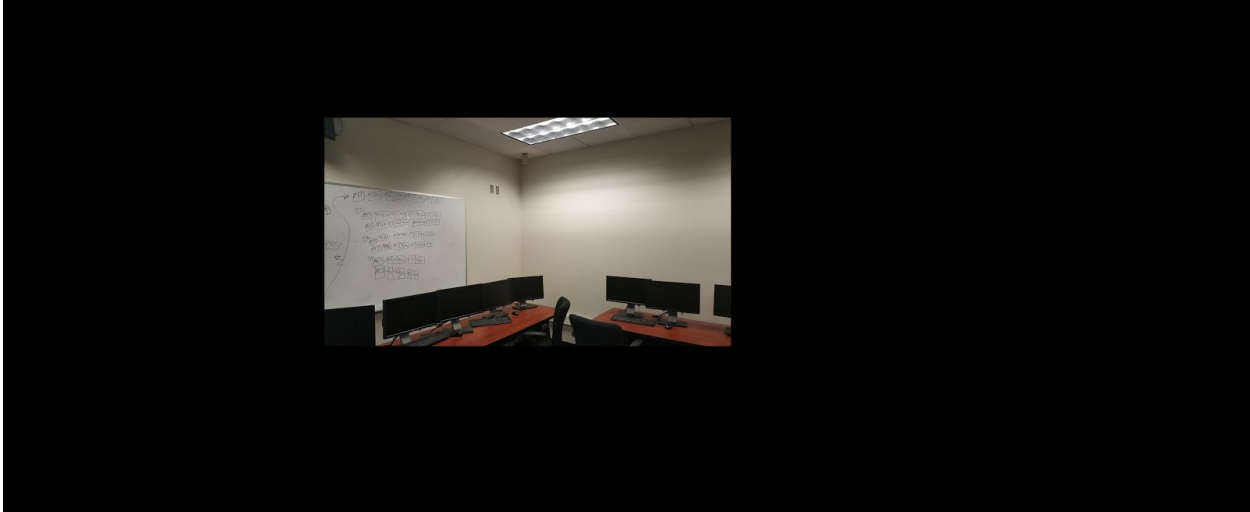
Here is the bottom image warped to the center image.



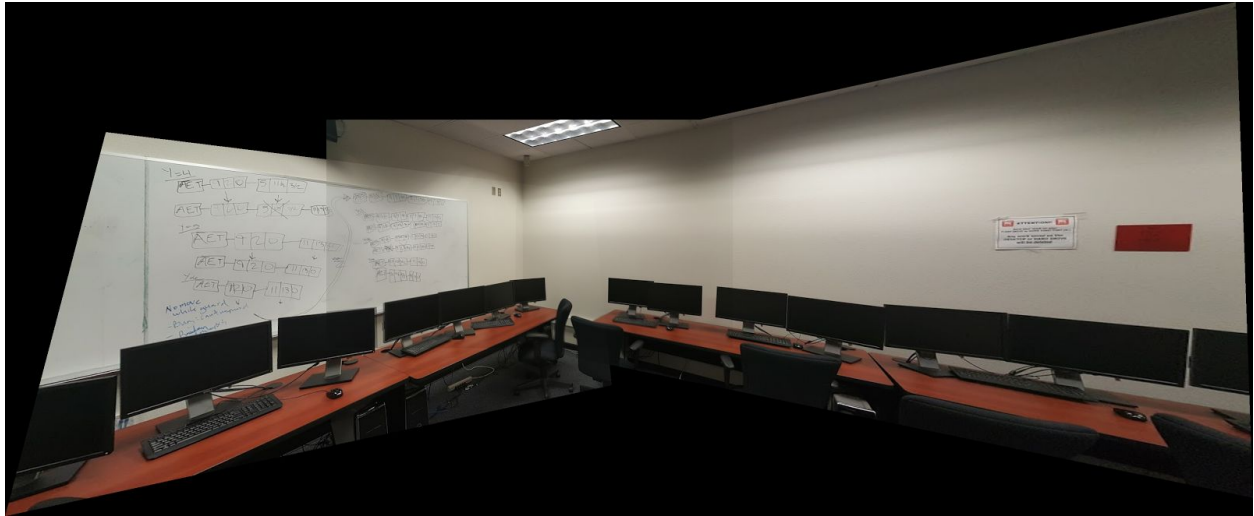
Here is final blended mosaic of the atrium image set.



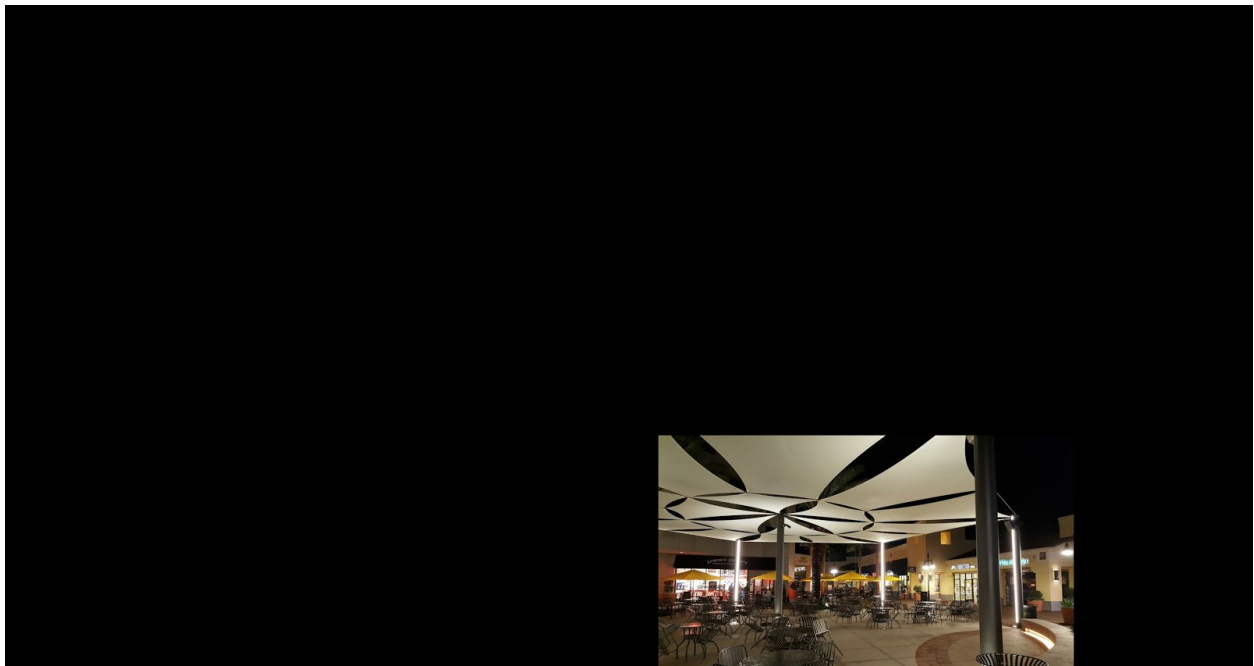
Here is my first custom image set, taken from the coqs lab.



And here is the final result. Looks lined up pretty nice. There is some noticeable color differences from the varying exposures in each shot.



Here is the center of the next custom image set.



Here are two more warped to the center image.



And here is final mosaic. Turned out a little wonky, probably because I moved camera a little bit in between taking the pictures. I originally had a fourth image for this set but it looked even further to the left and really made the image huge and stretched, haha!



Here is a 2 band blended version of the atrium image set. There is a bit more noticeable edges between the pictures and the colors look over saturated, but the details look much more crisp.



Here is a side by side comparison of the normal blended vs 2 band blended version of the stairwell area, which shows the benefits of 2 band blending, where high frequency details are better preserved in the blended areas.



This concludes my report. This was a very fun and challenging project!!! Thank you.