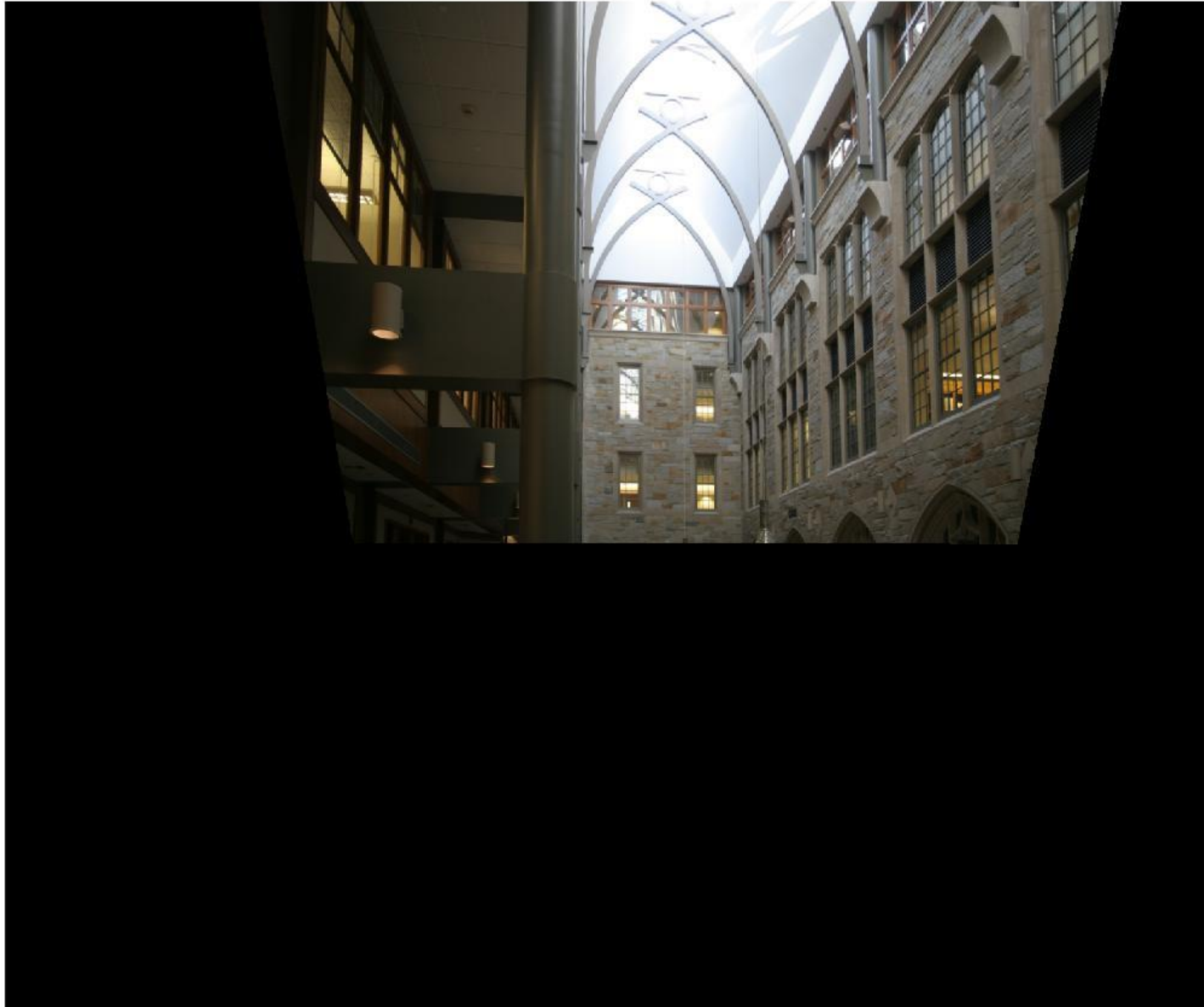Brian Dinh
344546266
Homework 2

Atrium image set – alpha blended mosaic
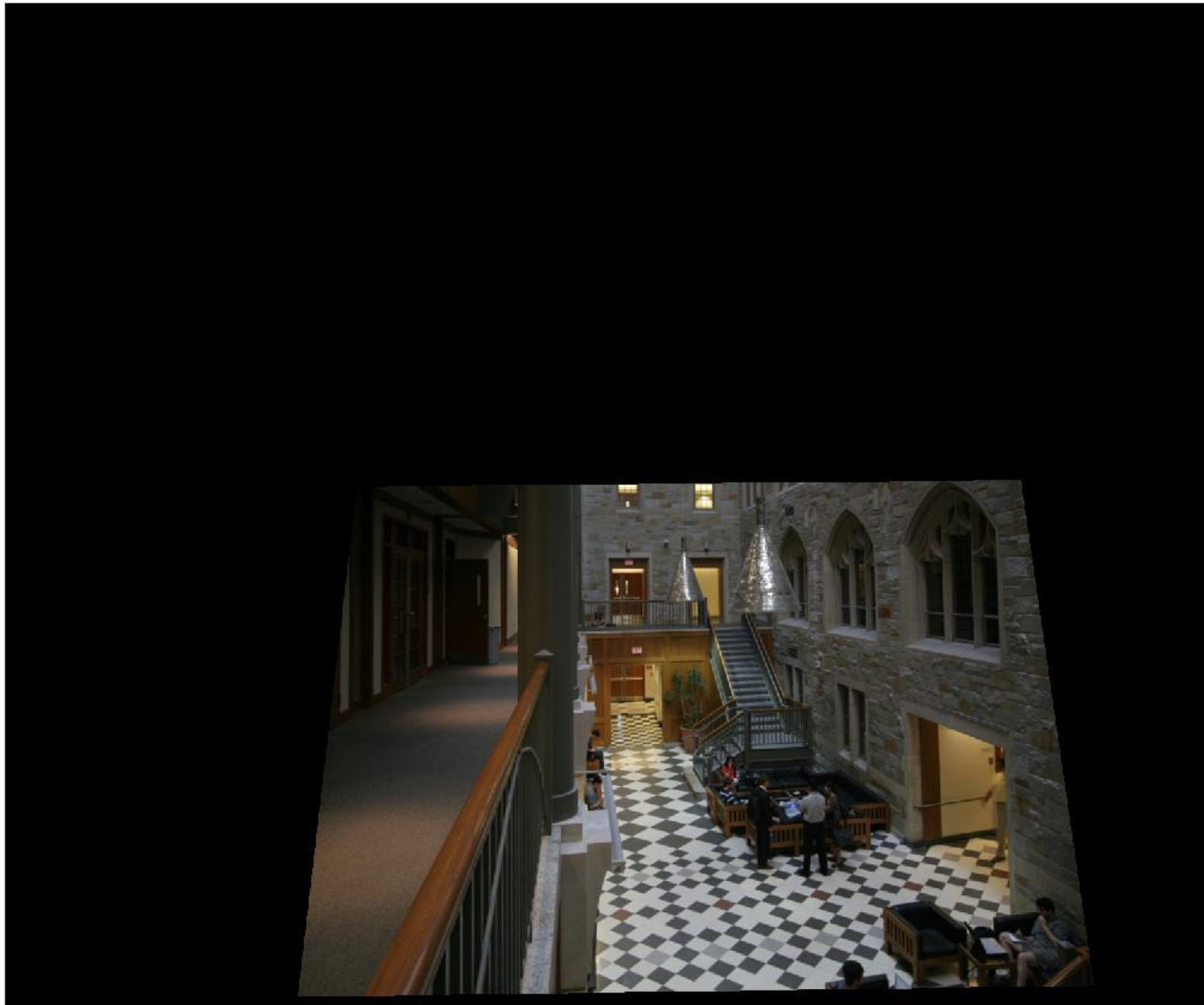
Center image:

Brian Dinh
344546266
Homework 2

Top image:

Brian Dinh
344546266
Homework 2

Bottom image:

Brian Dinh
344546266
Homework 2

Final mosaic:

Brian Dinh
344546266
Homework 2

Custom image set #1 – alpha blended mosaic

Center image:

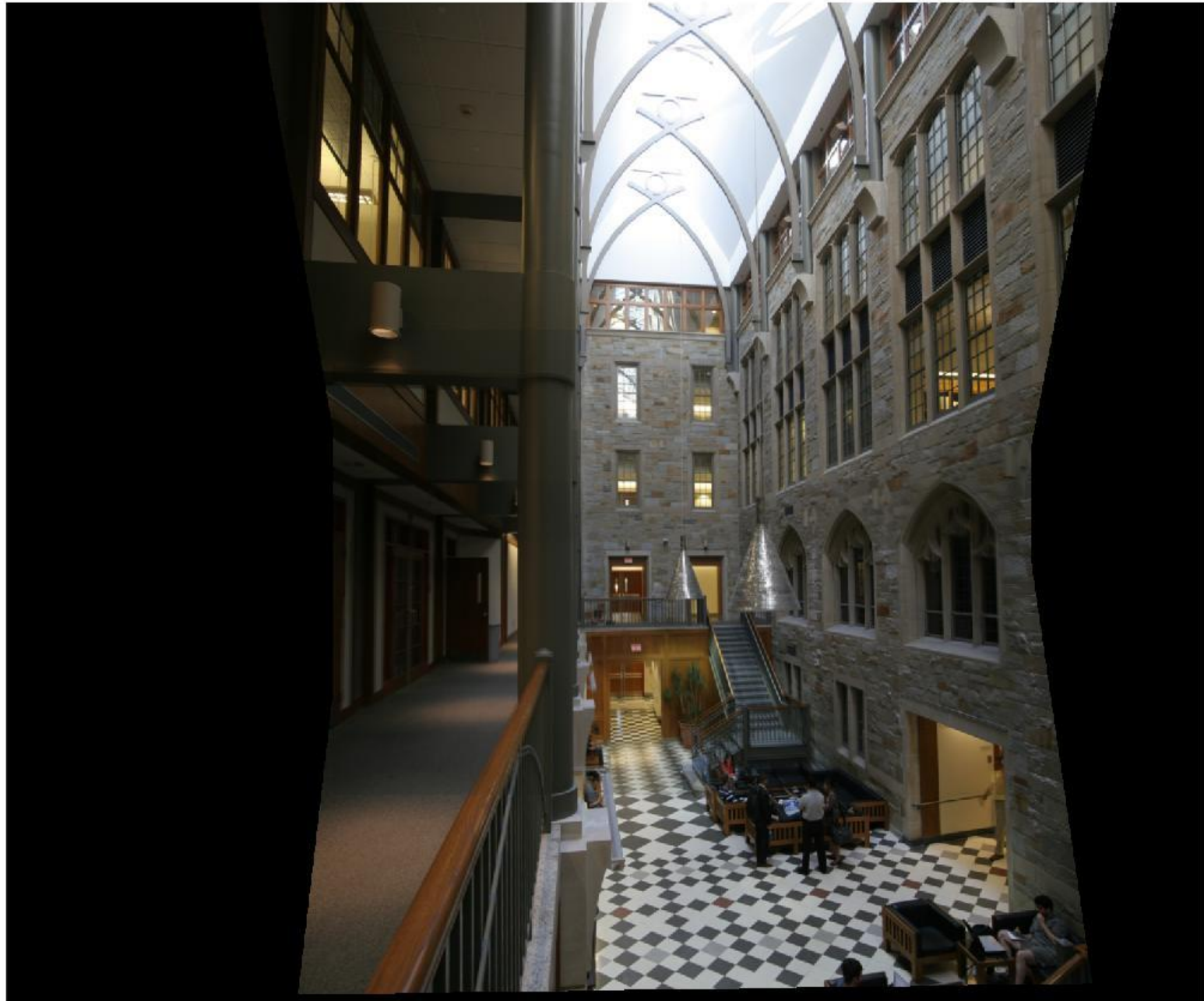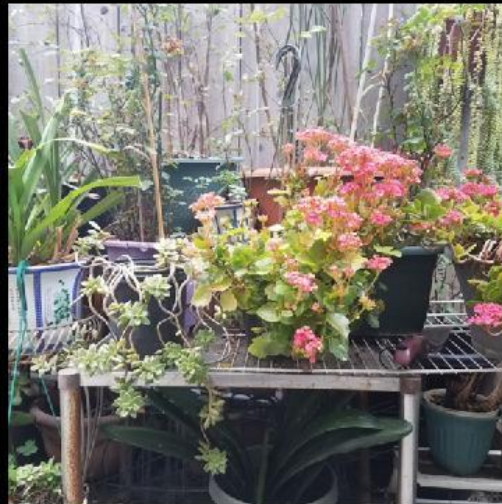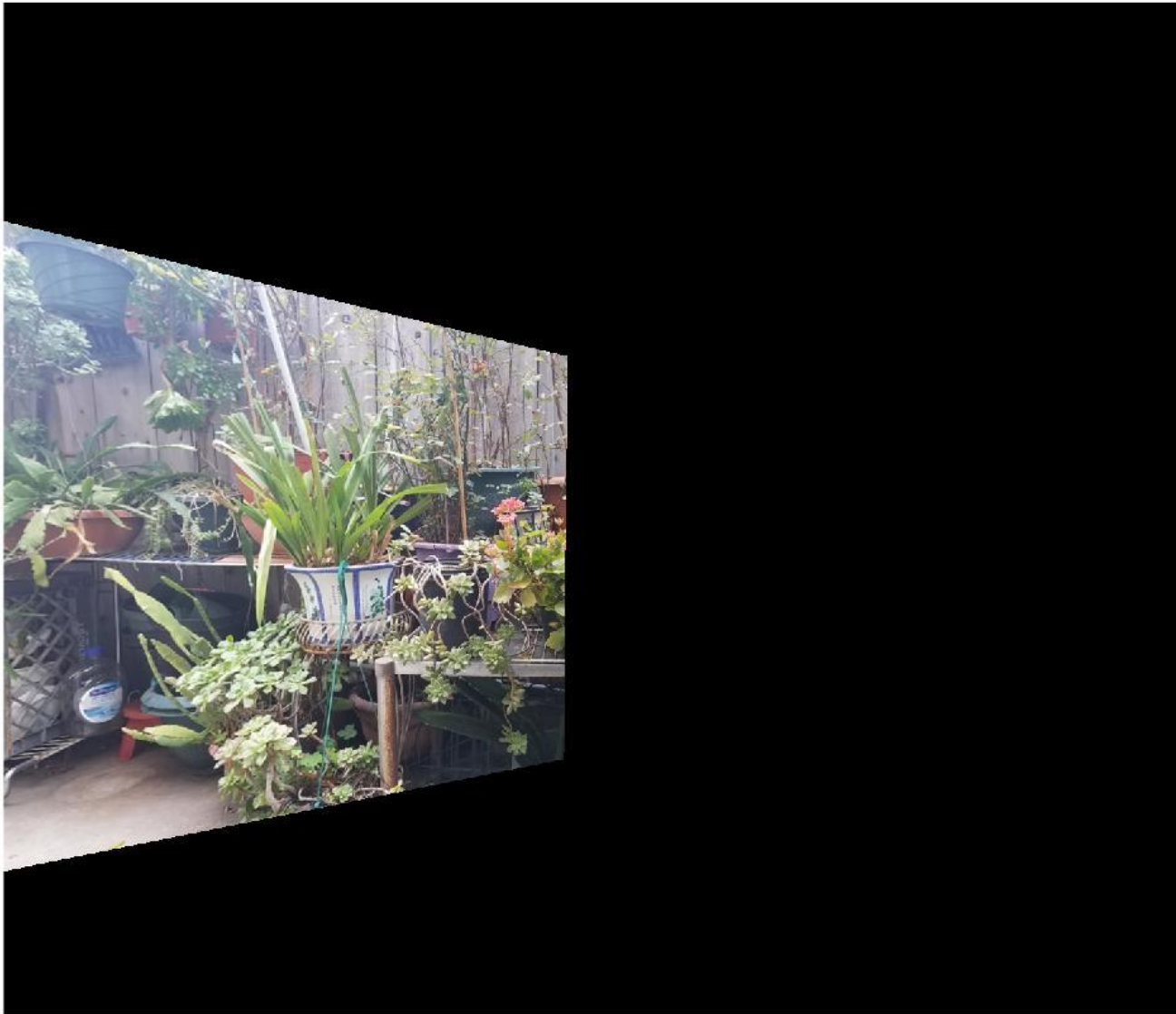Brian Dinh
344546266
Homework 2

Left image:

Brian Dinh
344546266
Homework 2

Right image:

Brian Dinh
344546266
Homework 2

Final mosaic:

Brian Dinh
344546266
Homework 2

Custom image set #2 – alpha blended mosaic
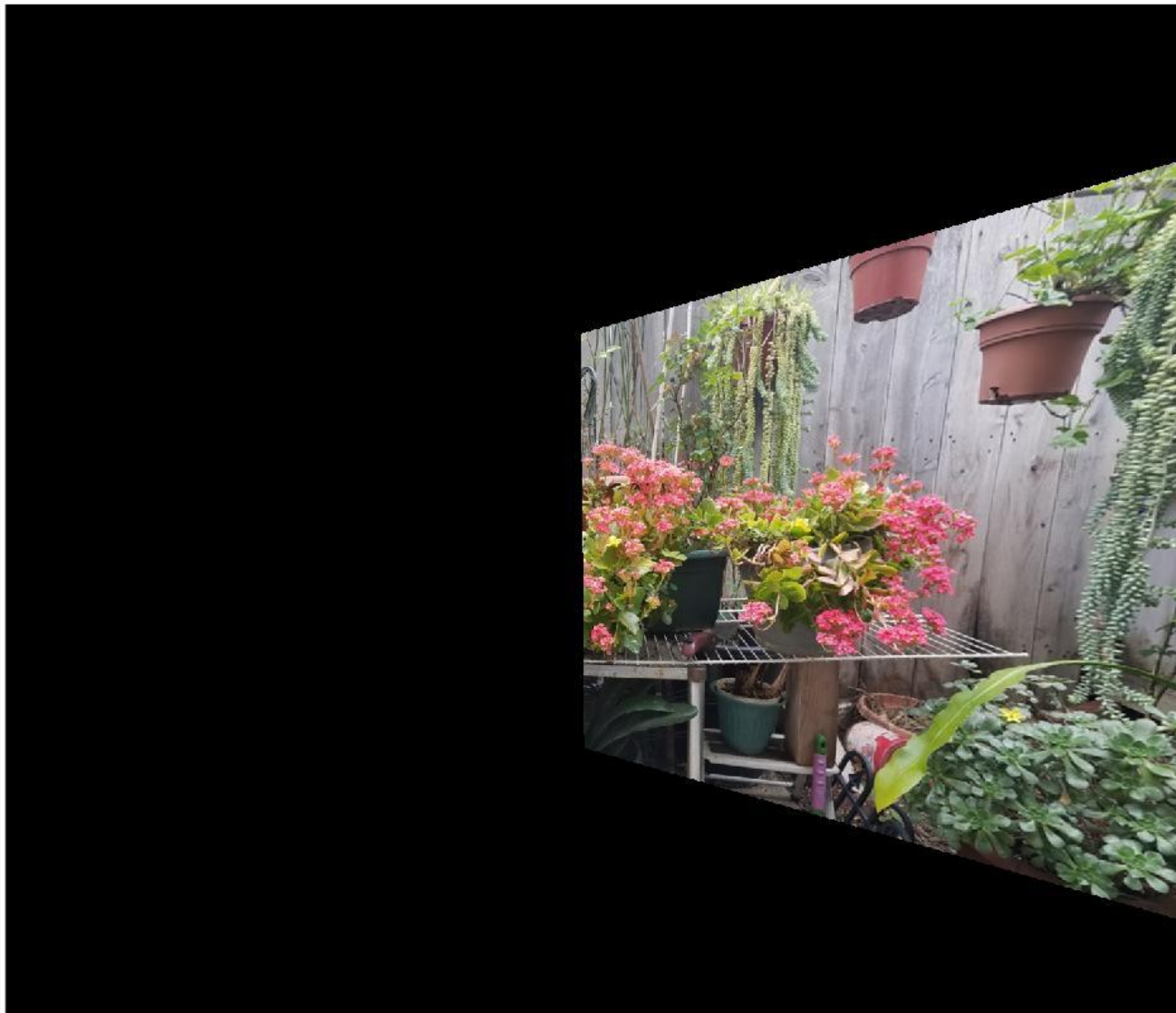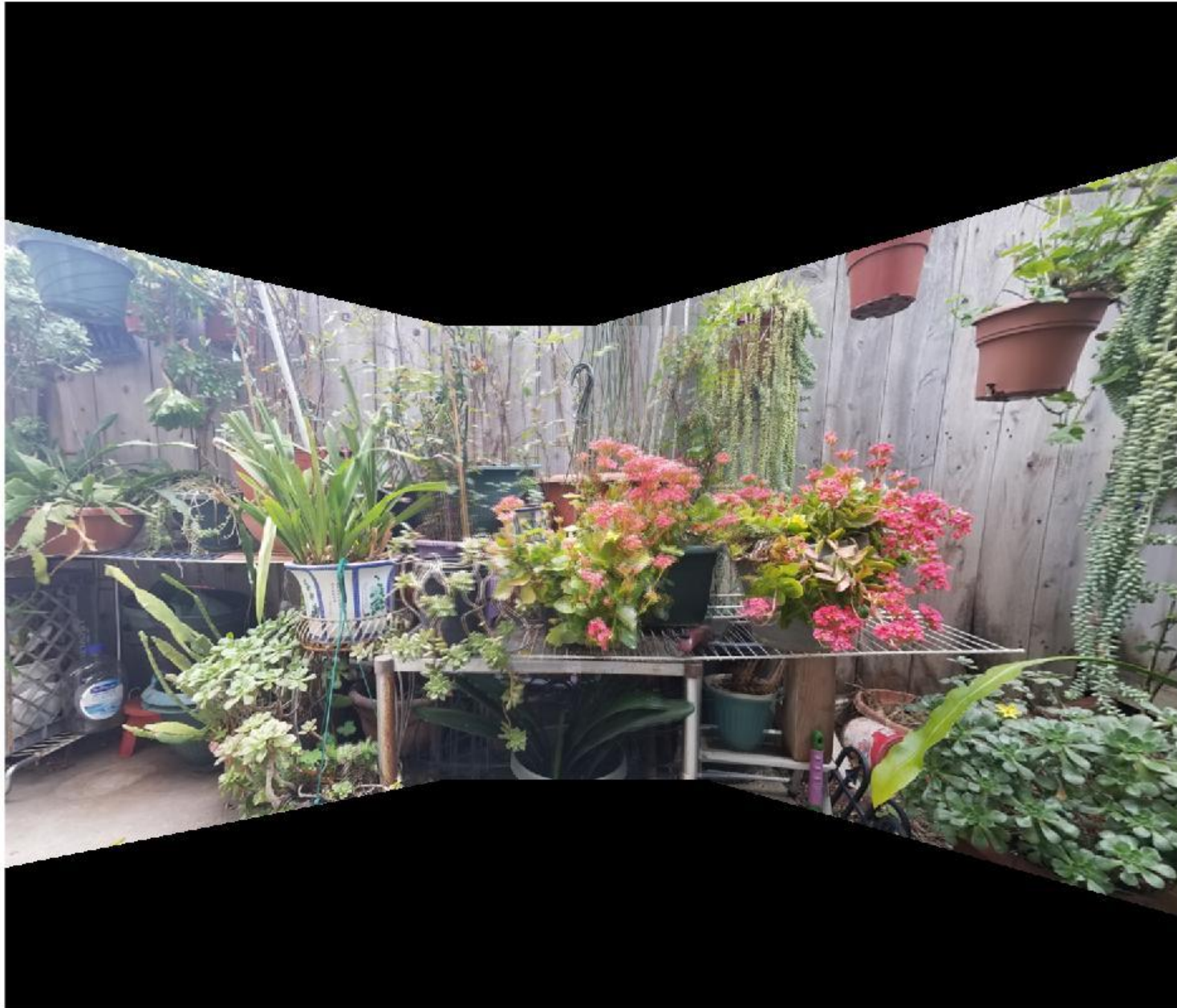
Center image:

Brian Dinh
344546266
Homework 2

Left image:

Brian Dinh
344546266
Homework 2

Right image:

Brian Dinh
344546266
Homework 2
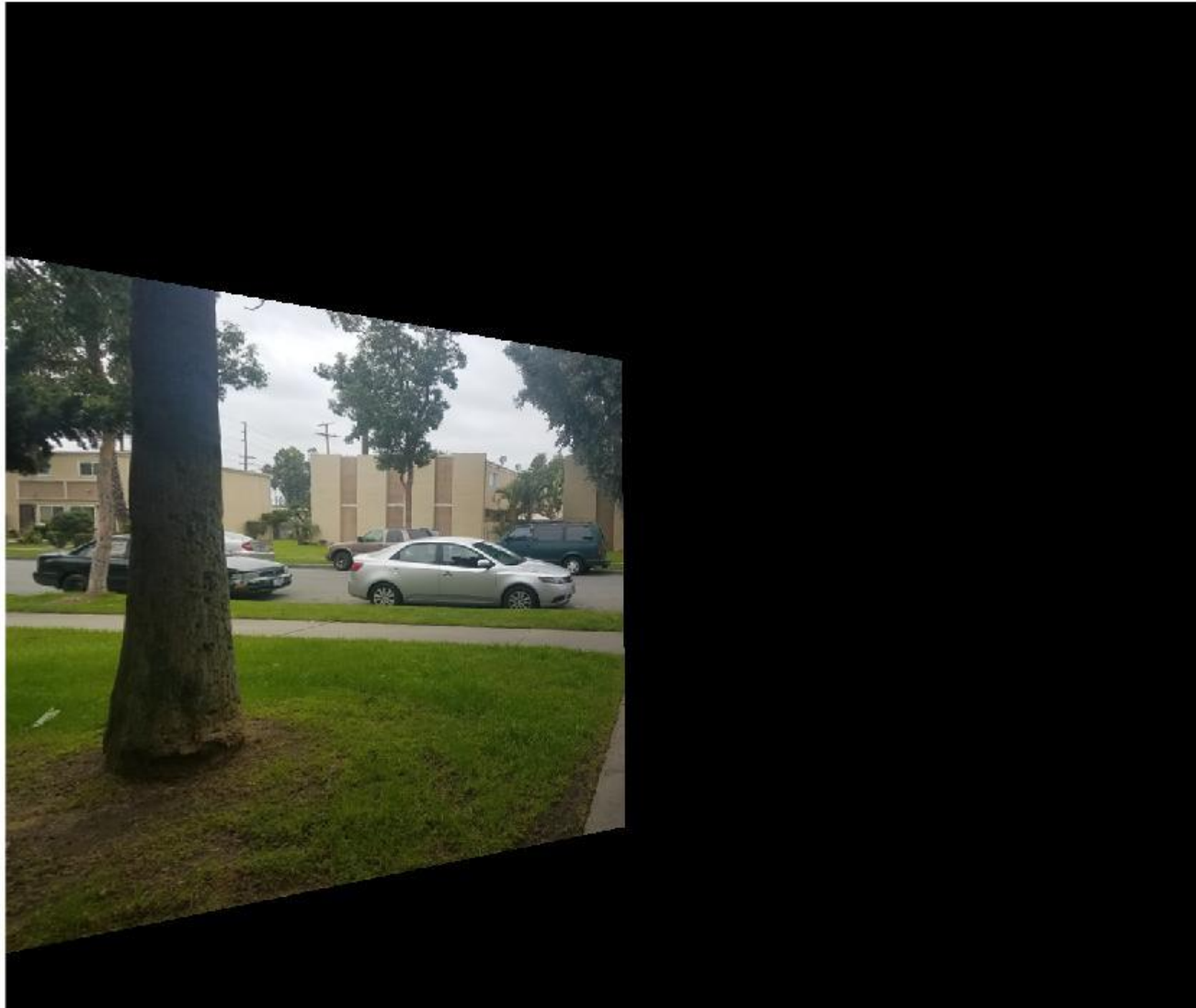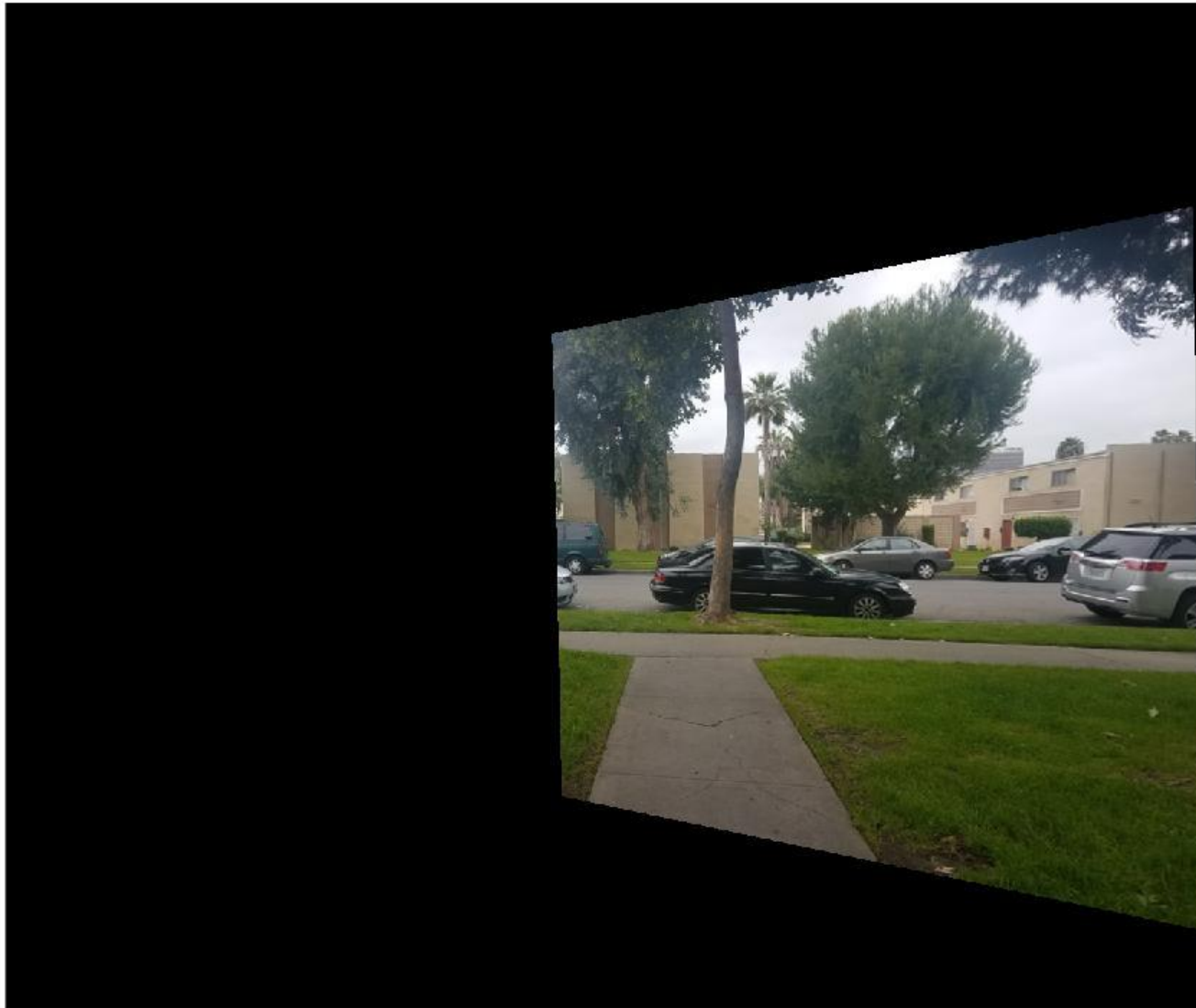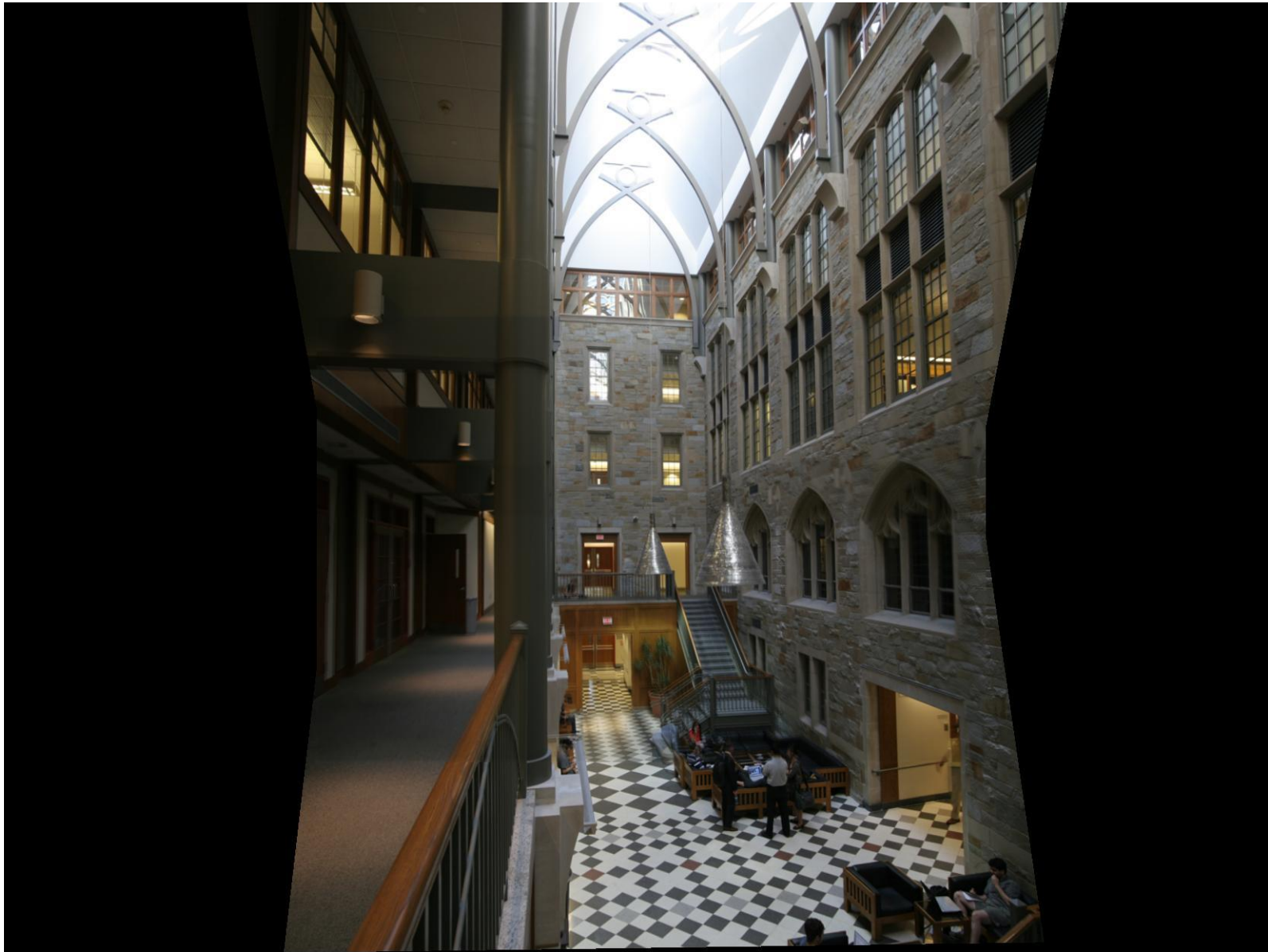
Final mosaic:

Brian Dinh
344546266
Homework 2

Atrium image set – 2 band blended mosaic

Brian Dinh
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Homework 2

       The differences in the two band blended mosaic vs the alpha blended mosaic are very hard to detect with a glance over. Upon closer inspection, there is a noticeable smoother transition between image borders, particularly where there is plenty of overlap. This is most apparent with the center image, as it is overlapped twice. The remaining ghosting and artifacts are most likely attributed to user error: blurring the image when photographing, misaligning camera position, picking correspondence points, etc.

<table>
<tr><td>Alpha blended</td><td>Two band blended</td></tr>
<tr><td></td><td></td></tr>
</table>

       You can notice the alpha blend the line is sharper, especially near the edges. In the two band blend it's a smoother transition. Instances of these differences are seen throughout the mosaic.