Adam Green

The images and their associated source code are contained within a standard format .zip file. To unzip it, use the Archive Utility tool on MacOS and select a folder to unzip it to. If the .zip extraction has some issues, please email me at your earliest convenience to allow me to resolve the issue.

The Python source code is in main.py, while the three generated images are in image\_1.tif, image\_2.tif, and image\_3.tif. There are some comments in the code to explain the workings, such as decisions between packages.

To run the program, you can call the gaussian\_transform() function with the specified parameters in the function definition, then save the output to a numpy array. The resulting numpy array can then be transformed into an ITK image with GetImageFromArray(), with which it can then be viewed with SimpleITK.