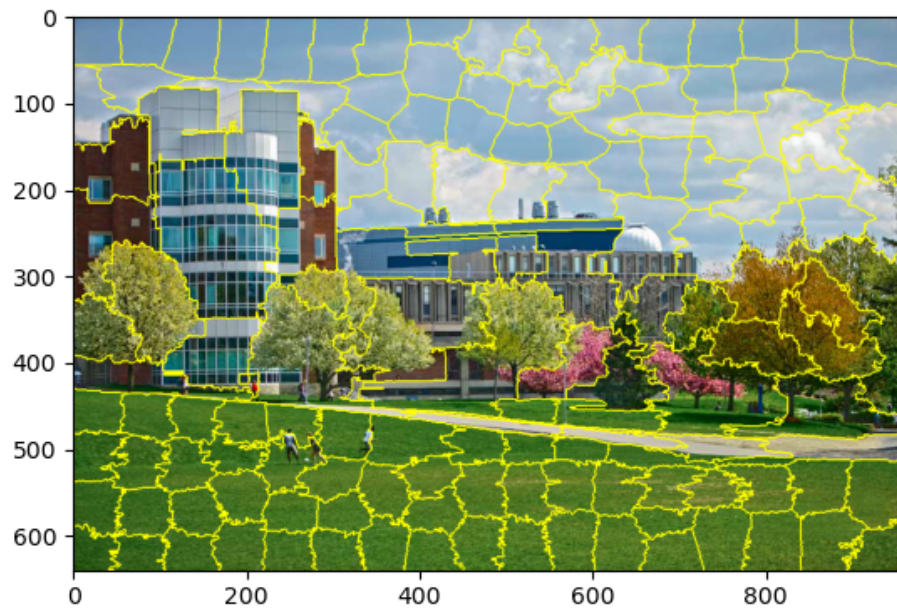


Millan Shenoy



SciKit Learn built in SLIC



Home built SLIC

There are a number of differences between my implementation of the SLIC algorithm and the SciKit Learn one, however the most notable difference is speed. Mine runs very slowly and my end threshold is a little bit arbitrary. That being said, I am actually impressed with the amount of detail I get from this. The superpixels in the Volen building area actually hold more detail than the conglomerated superpixel as seen in SciKit Learn's version. Other than that, the shapes are largely similar across both methods and we even see some of the same noise occurring like in the pixels in the lawn which have a relatively flat top and bottom but steep zig zags along the side.