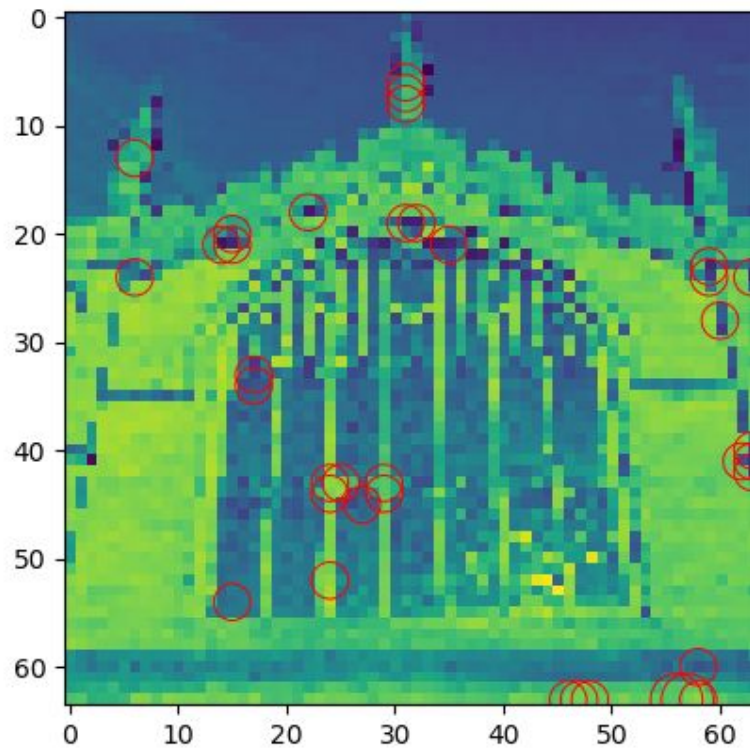
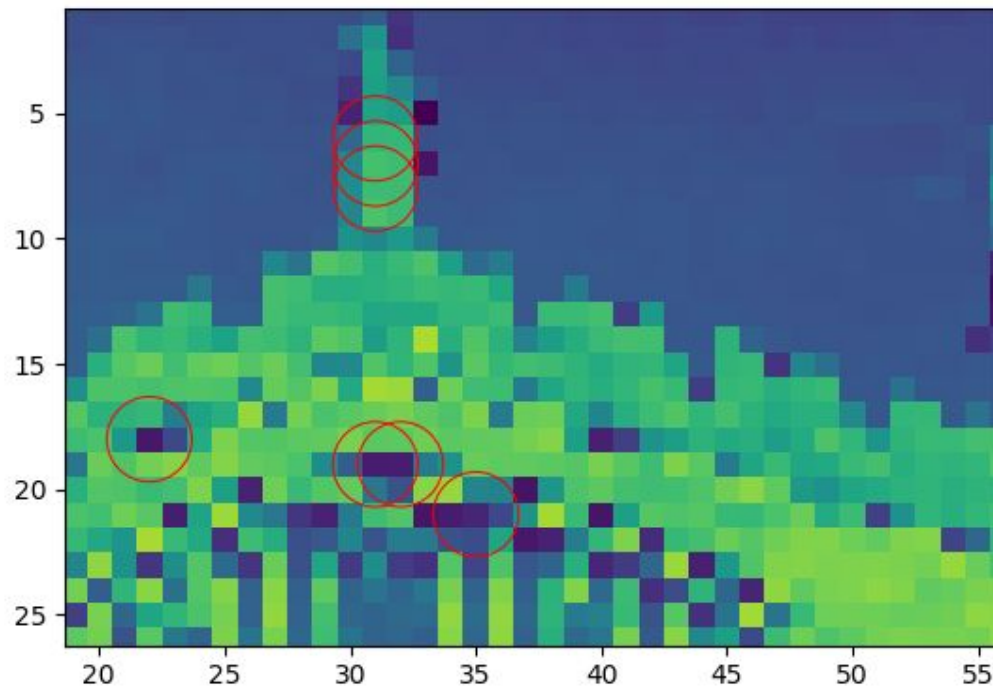


MCA - HW 1

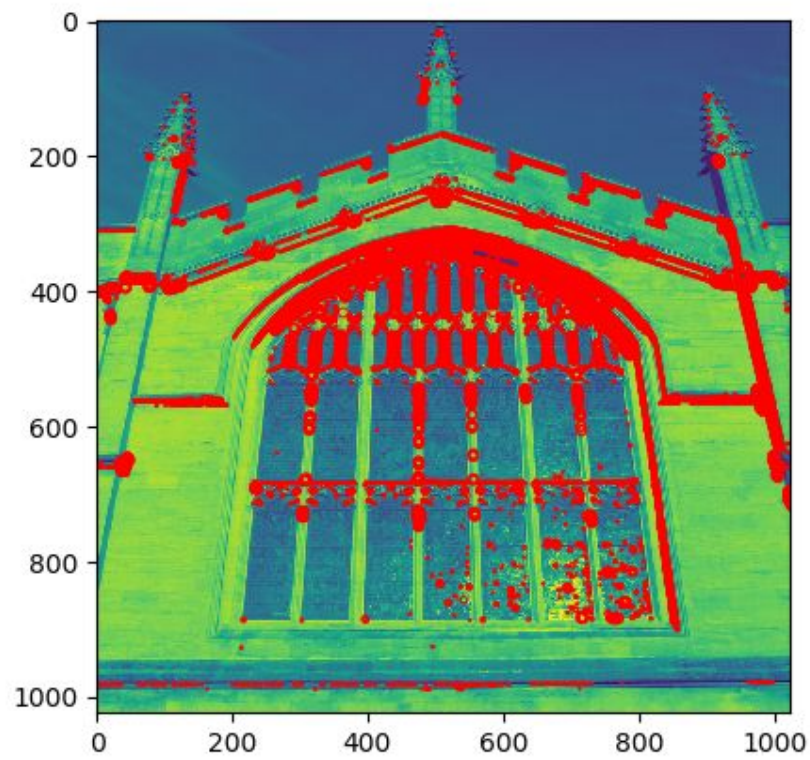
2.



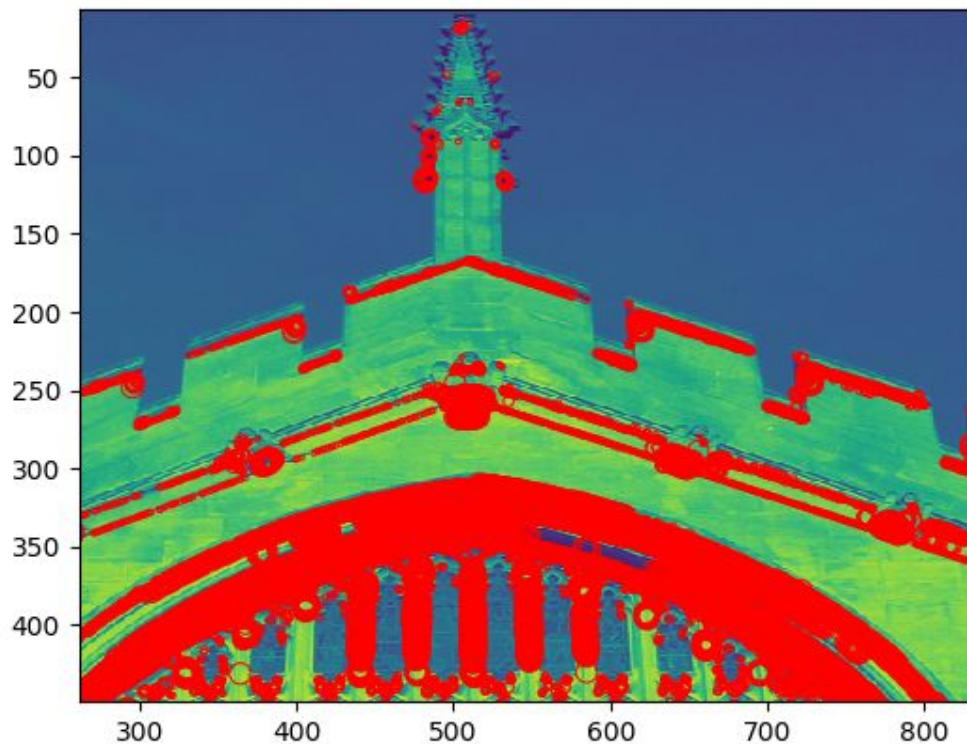
This keypoint extraction was done on the image which was resized to 64x64. It can be seen that the LOG couldn't extract a lot of key points. If we zoom it a bit we see something like this:



Where as if we compare it with an image of dimension 1024x1024, we will observe more keypoints:



Zooming it we notice clear and better keypoints:



Values:

Sigma = 1.2

Threshold = 0.03

Source/reference :

<https://projectsflix.com/opencv/laplacian-blob-detector-using-python/>

<https://opencv.org/>