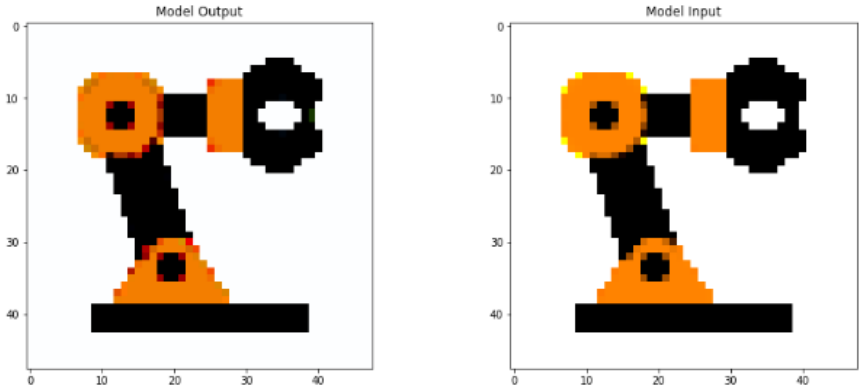
Cogntiv DL Research - Idan Vidra

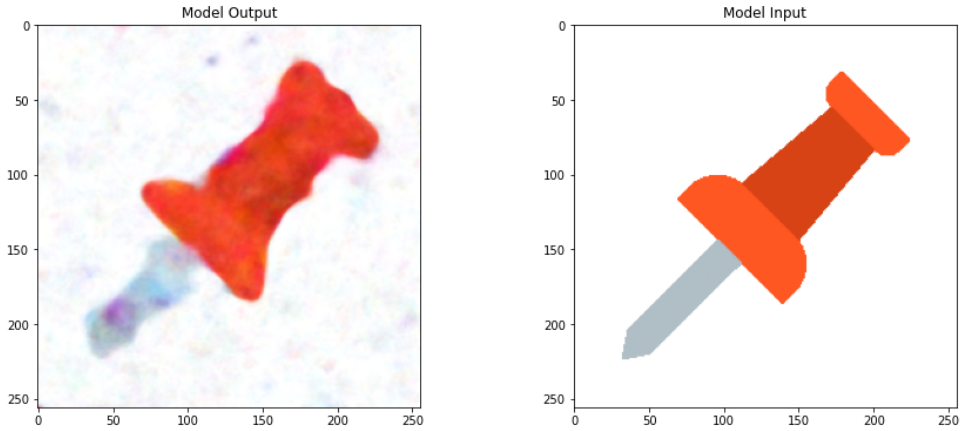
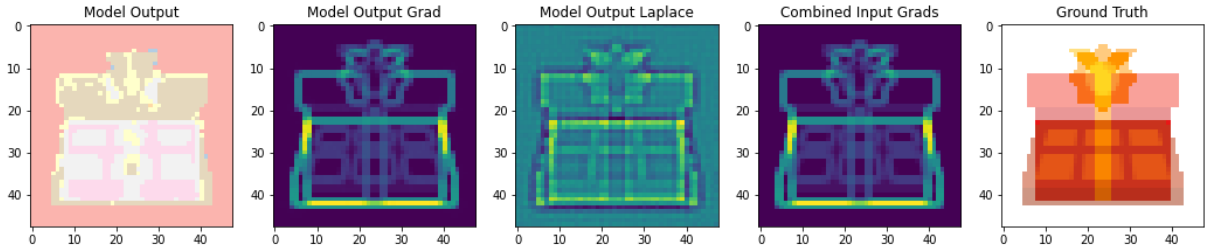
Short Summary

Short summary of the results:

1. On the first task of multiple image representation I've made an architecture that achieves 0.008 - 0.006 mean loss (MSE) over the entire dataset on a regular basis.
   Example:



2. On the second task of image up-sampling the result loss varies between the different images but is in the range of 0.5 to 0.05 mean loss on the tested images (didn't check over the entire dataset).
   Example:



3. On the third task of image interpolation the network easily reaches MSE loss of 0.001 on the different image combinations.
   Example: