Update_23rd_March

 Currently working on trying to reduce the inference time as much as possible. Implemented custom convolution on c++ backend.
 Gave a sample run for inference over 1 image, to check the functionality.

The inference time has now decreased to ~3hrs 14min from ~3hrs 45min and time taken for each iteration is ~10-11 sec on an average.

```
Time taken for iteration:4 in batch:0 is:10
Time taken for iteration:5 in batch:0 is:11
Time taken for iteration:6 in batch:0 is:11
Time taken for iteration:7 in batch:0 is:10
Time taken for iteration:8 in batch:0 is:11
Time taken for iteration:9 in batch:0 is:11
```

After having given run over 1 image, I encountered some errors and am currently working on rectifying them.

I have pushed the codes into the github repo under the subfolder 'cudatry'. Kindly look into the same for your reference.

2. Runtime Killed - Error:

I ran an inference over the next 4 images from the nyu_test dataset. After ~16 hours, the run got the following error:

This is probably due to browser tabs that I had left open alongside the run overnight which was taking up memory.

My reasoning behind running an inference over the next 4 images was to get the error metrics over them and take an average with the earlier results so that effectively we would have error metric results over 8 images.