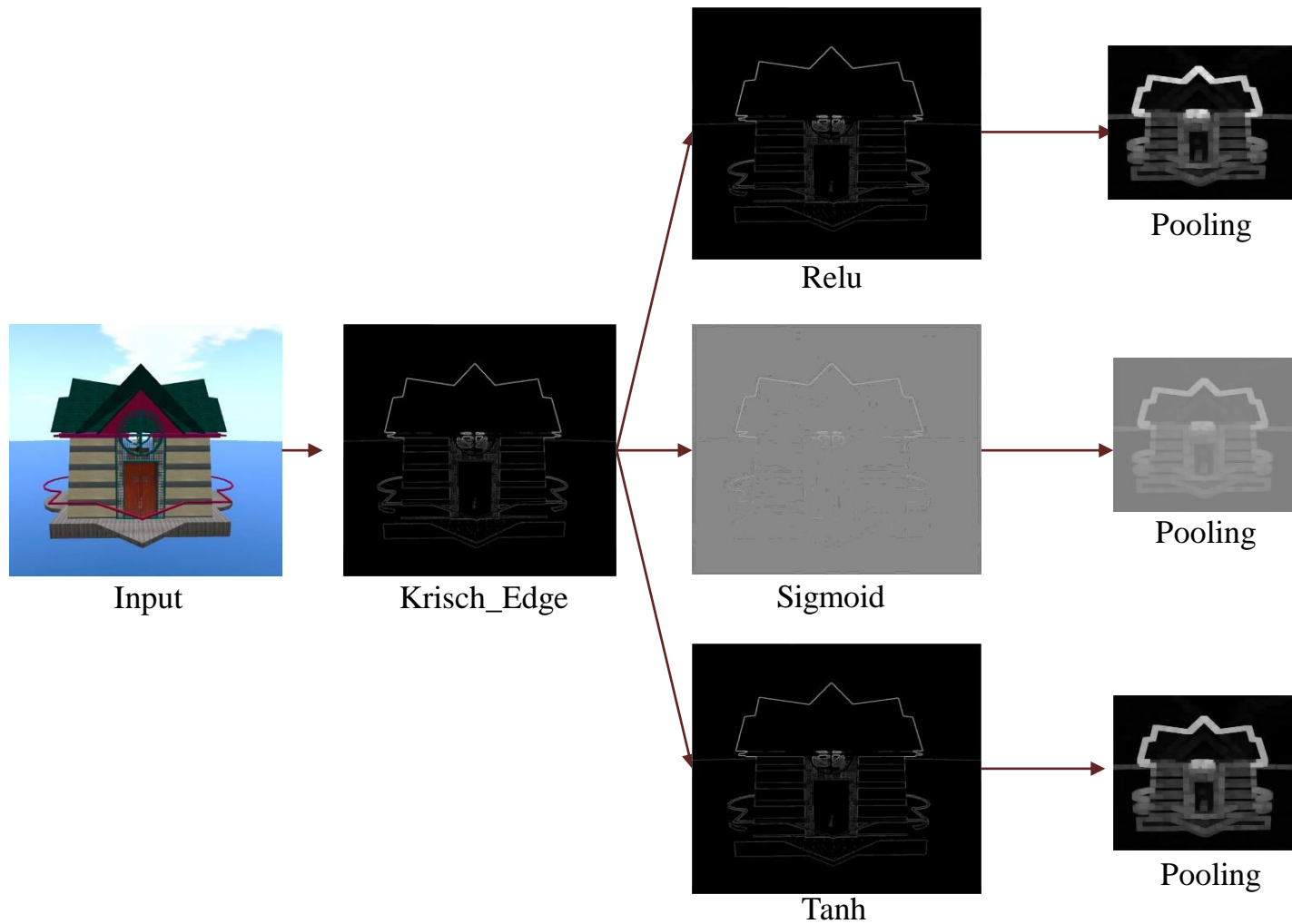
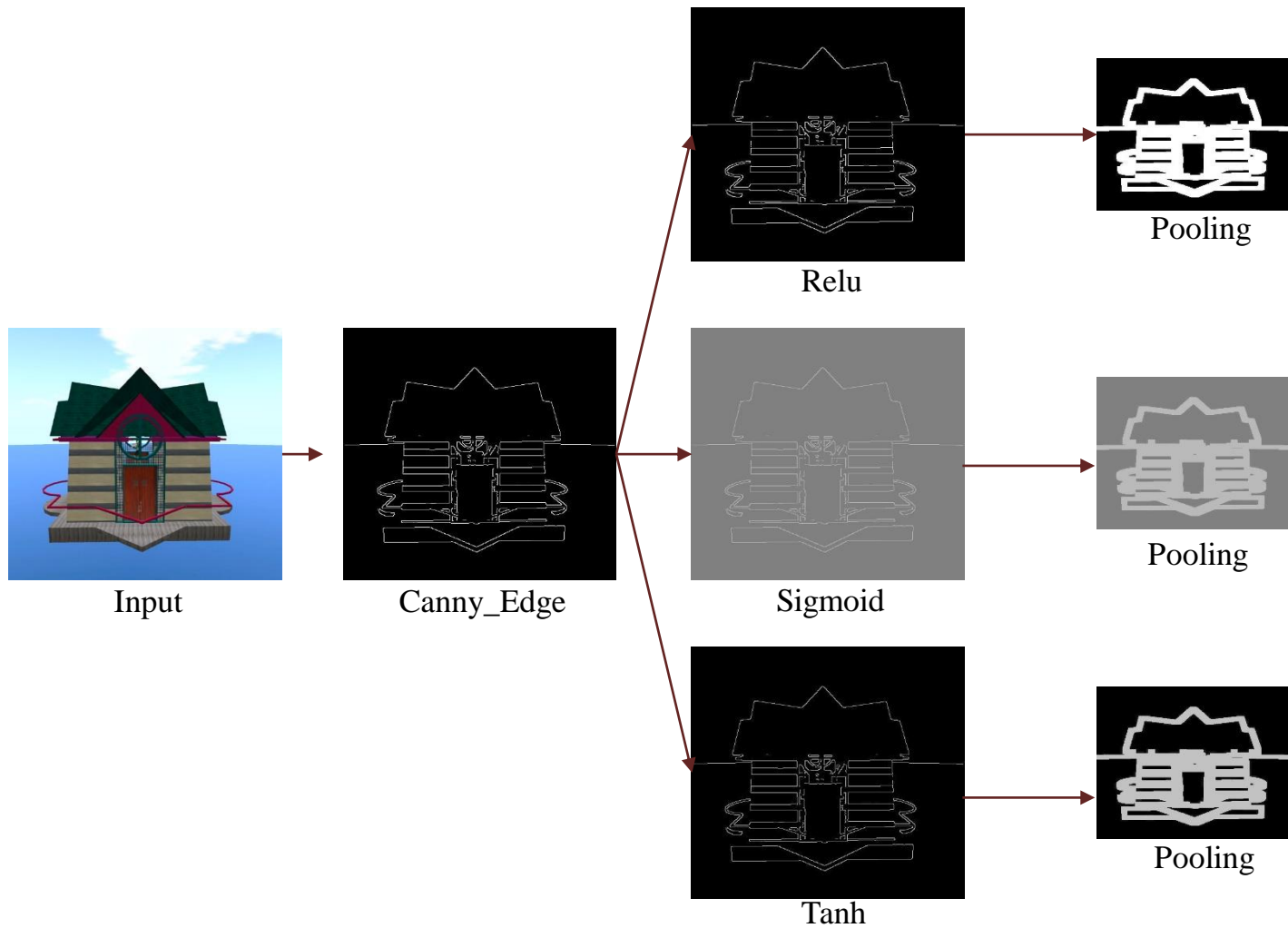
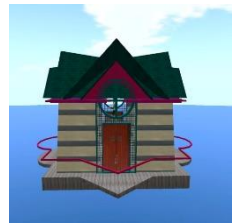
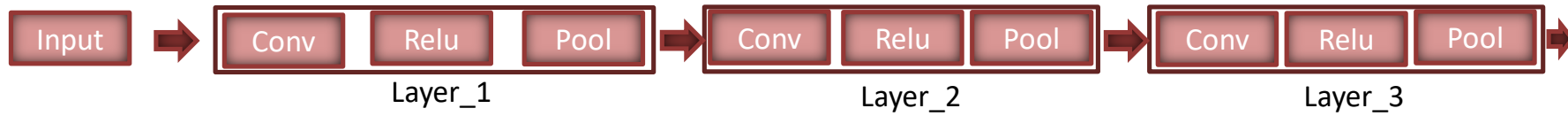


Neuron Visualization in Deep Learning

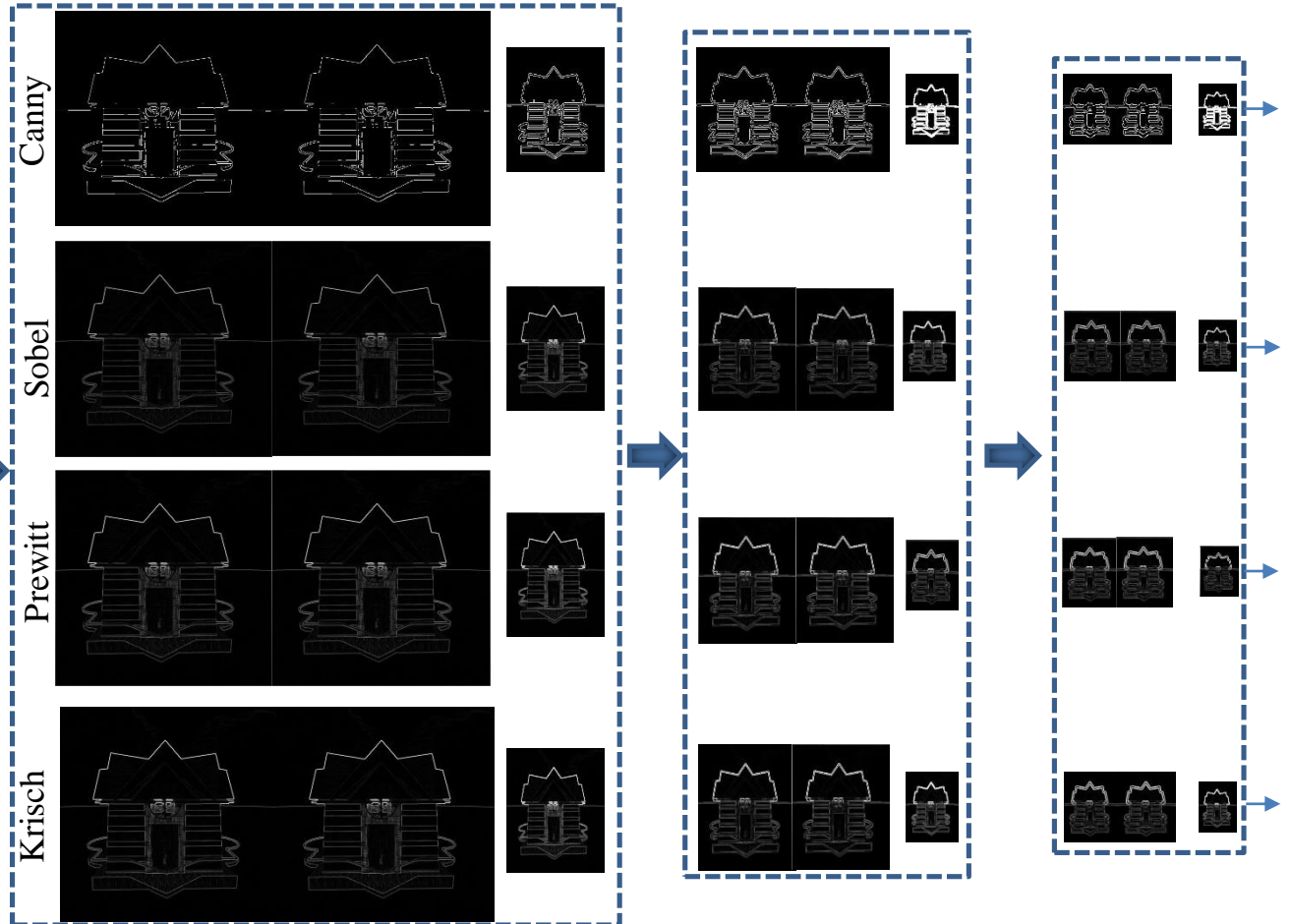
Dr. Santosh Kumar Vipparthi
Dept. of CSE



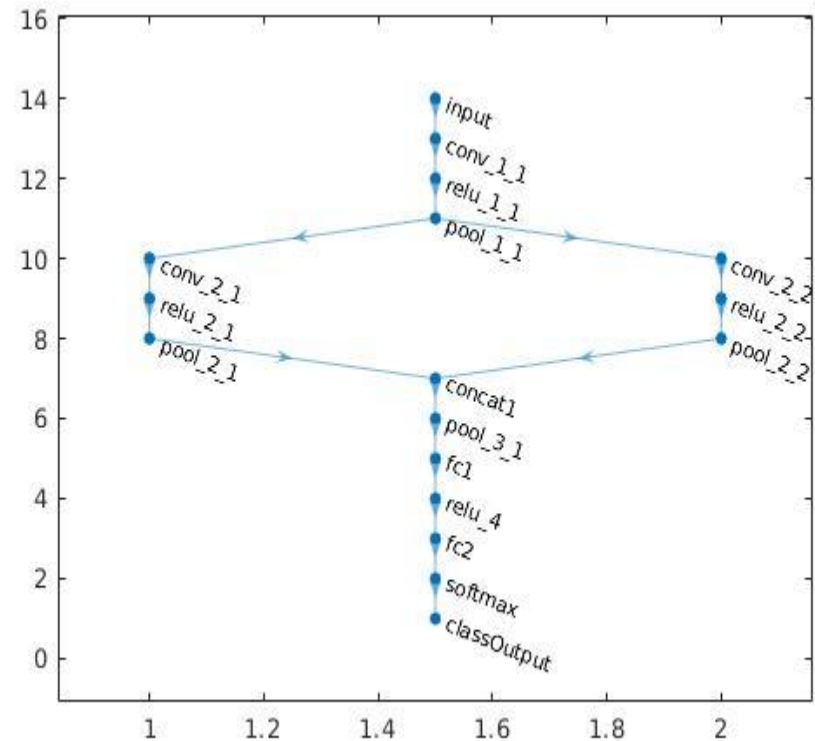
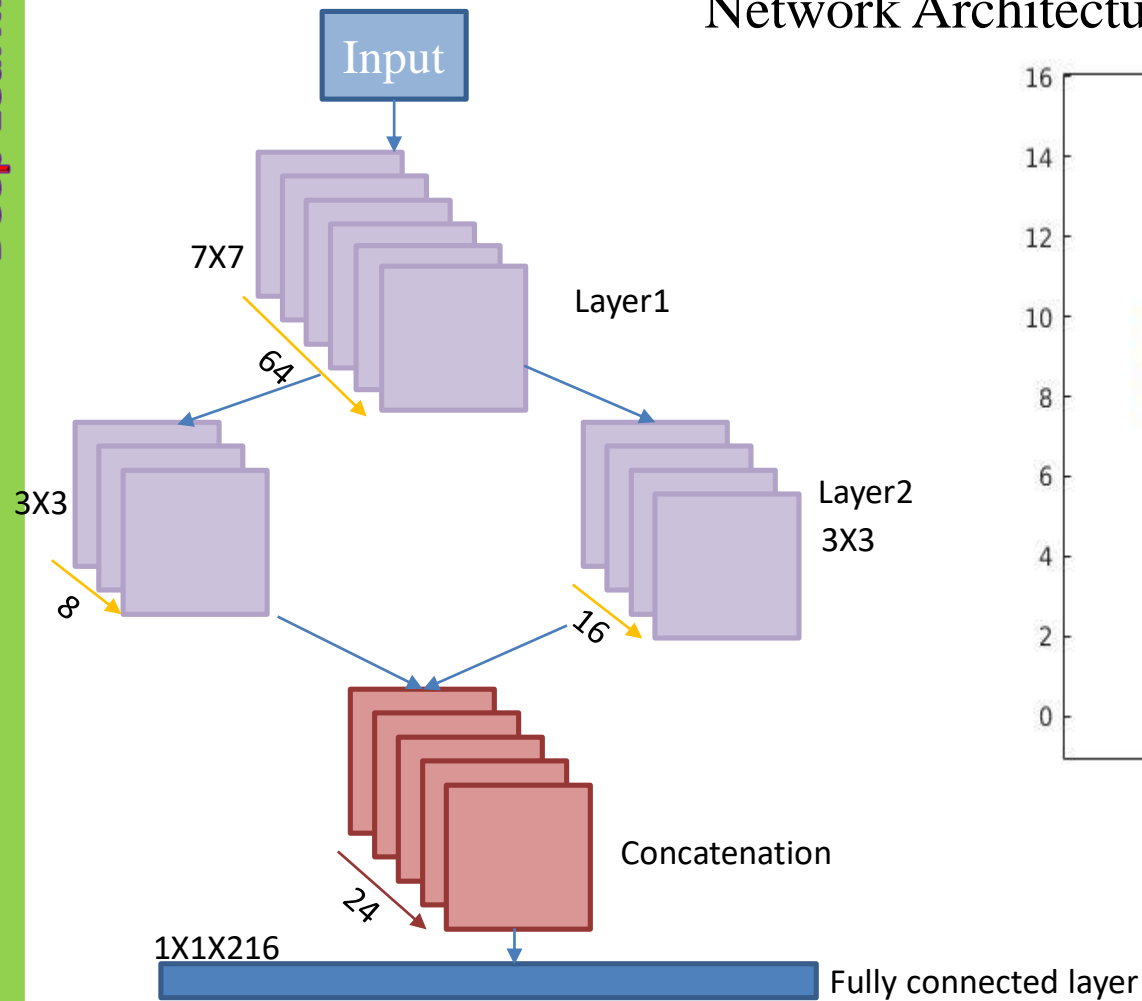




Input



Network Architecture





Coast



Forest



Highway



Inside City



Mountain

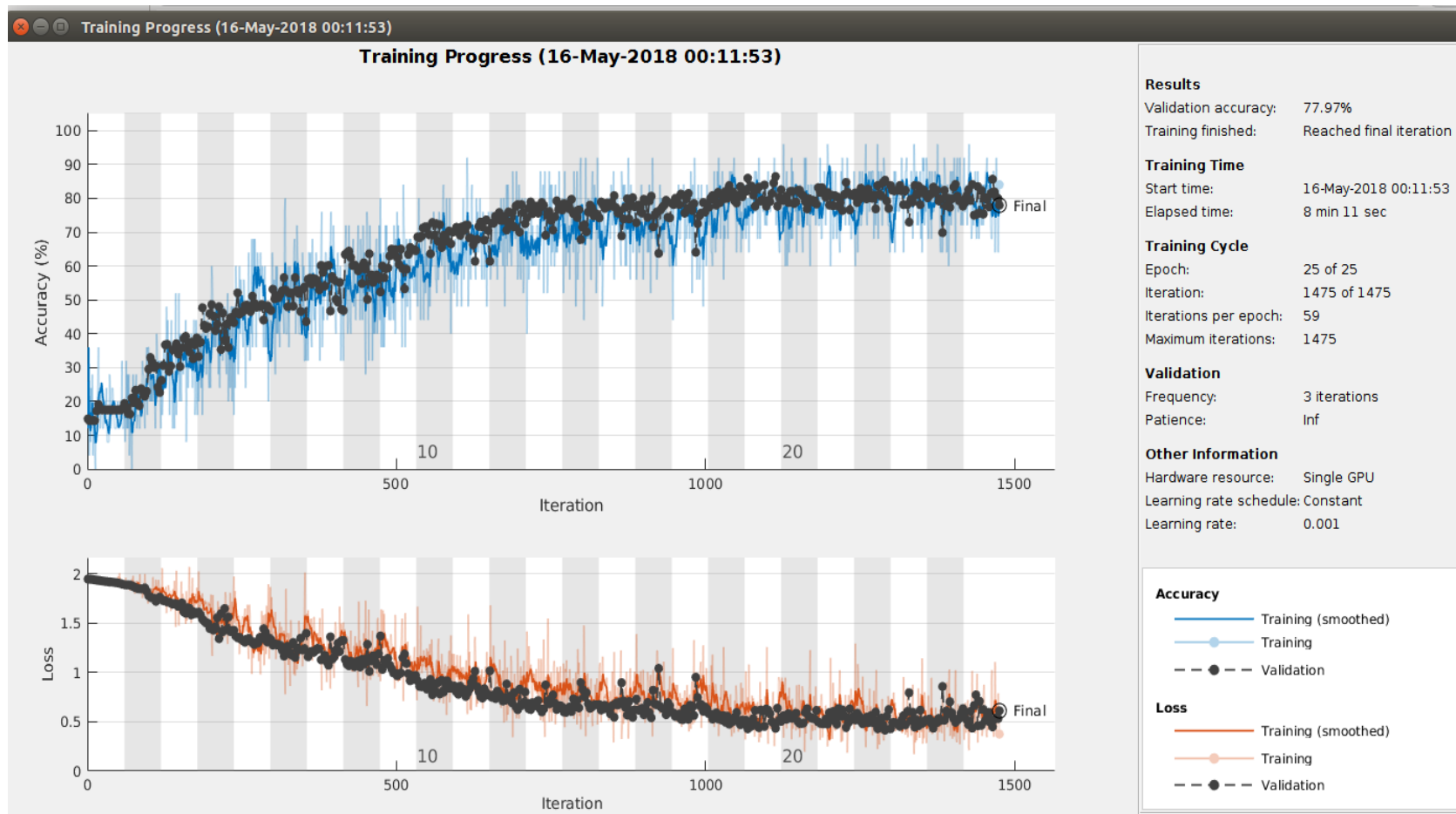


Street



Office

Dataset



PMITmountainAMITmountain



PMITstreetAMITforest



PMITforestAMITforest



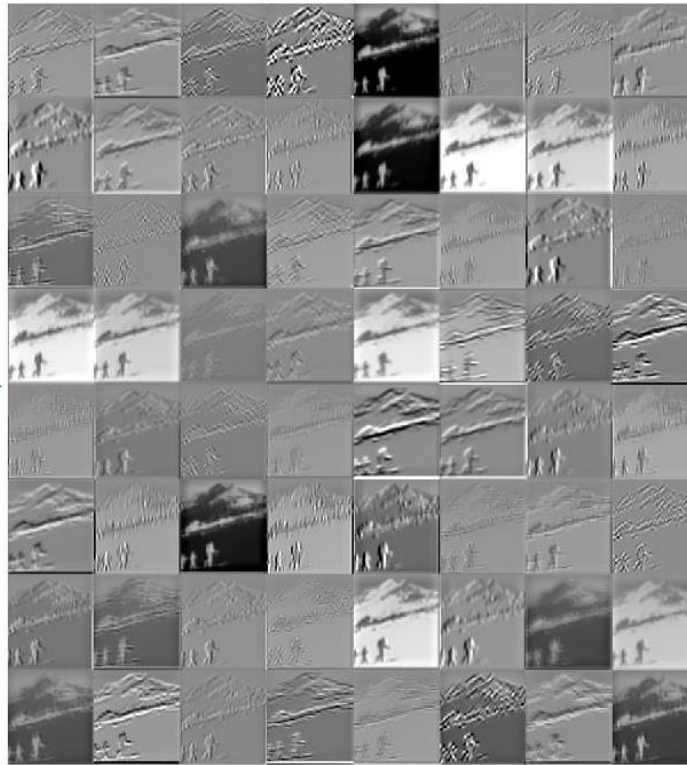
PMITstreetAMITstreet



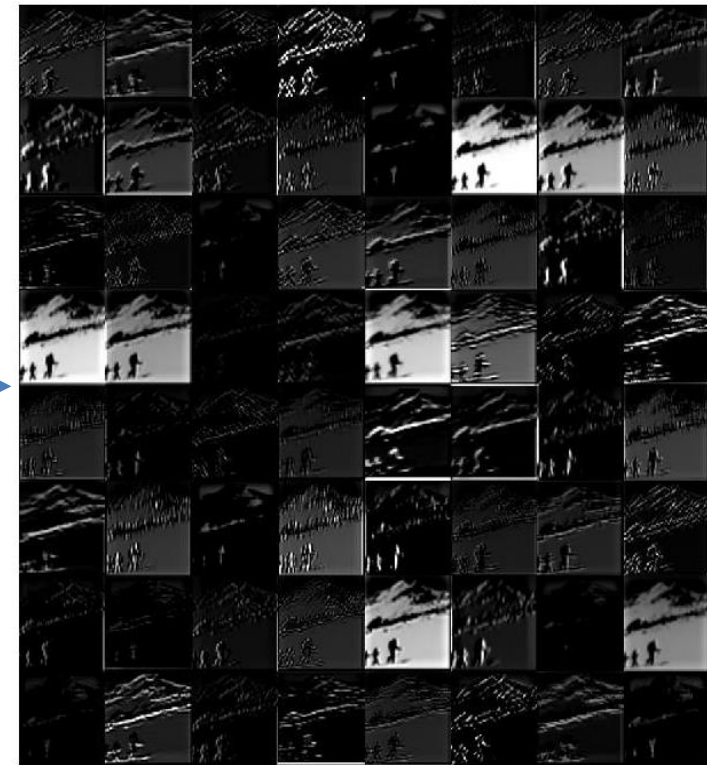
Classification Results



Input



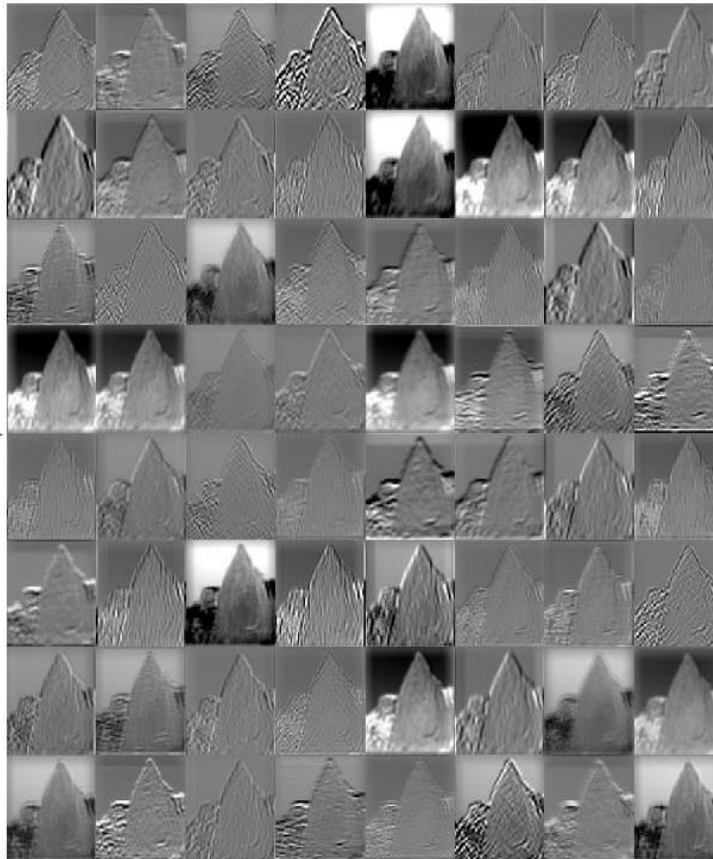
Convolution 1



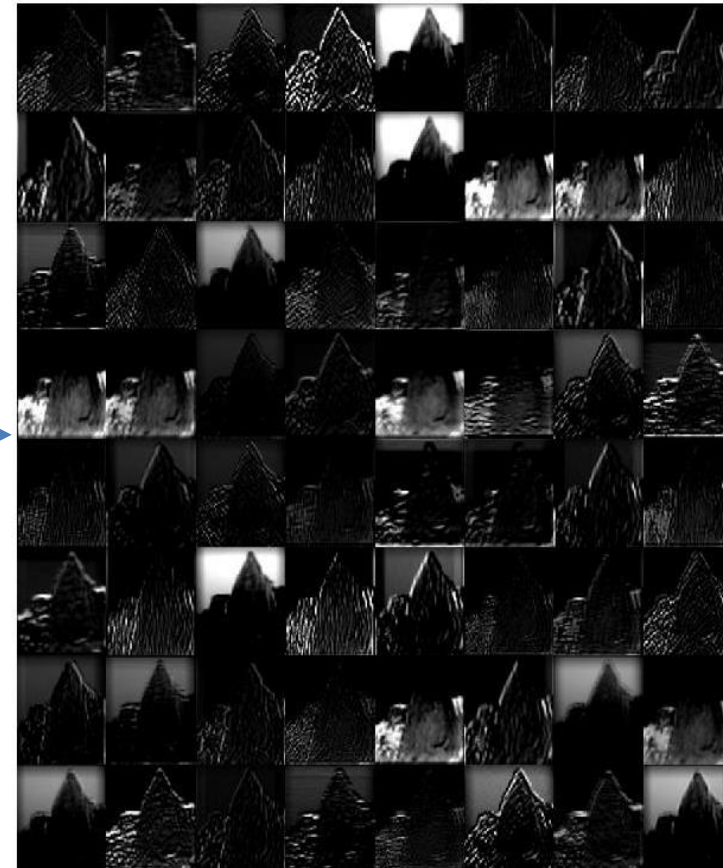
Relu 1



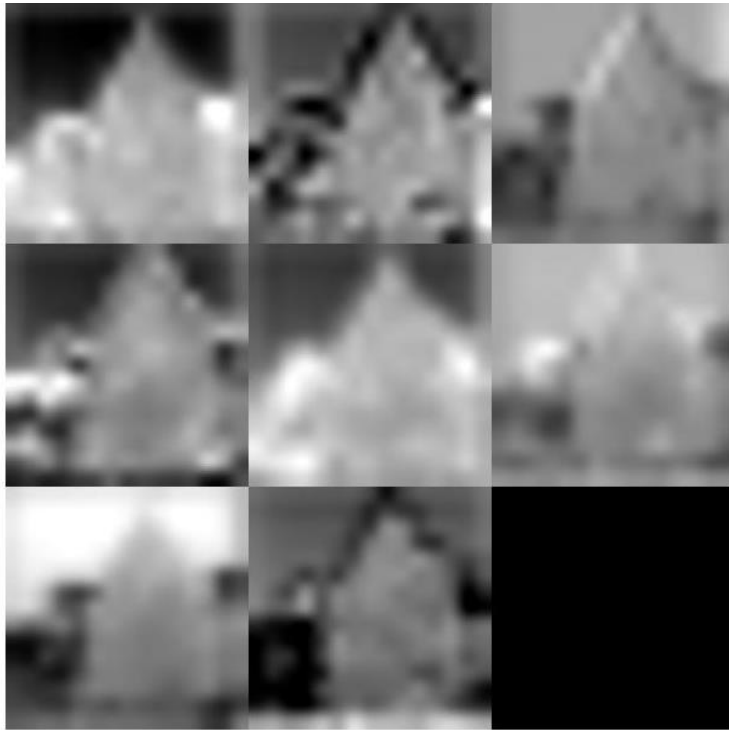
Input



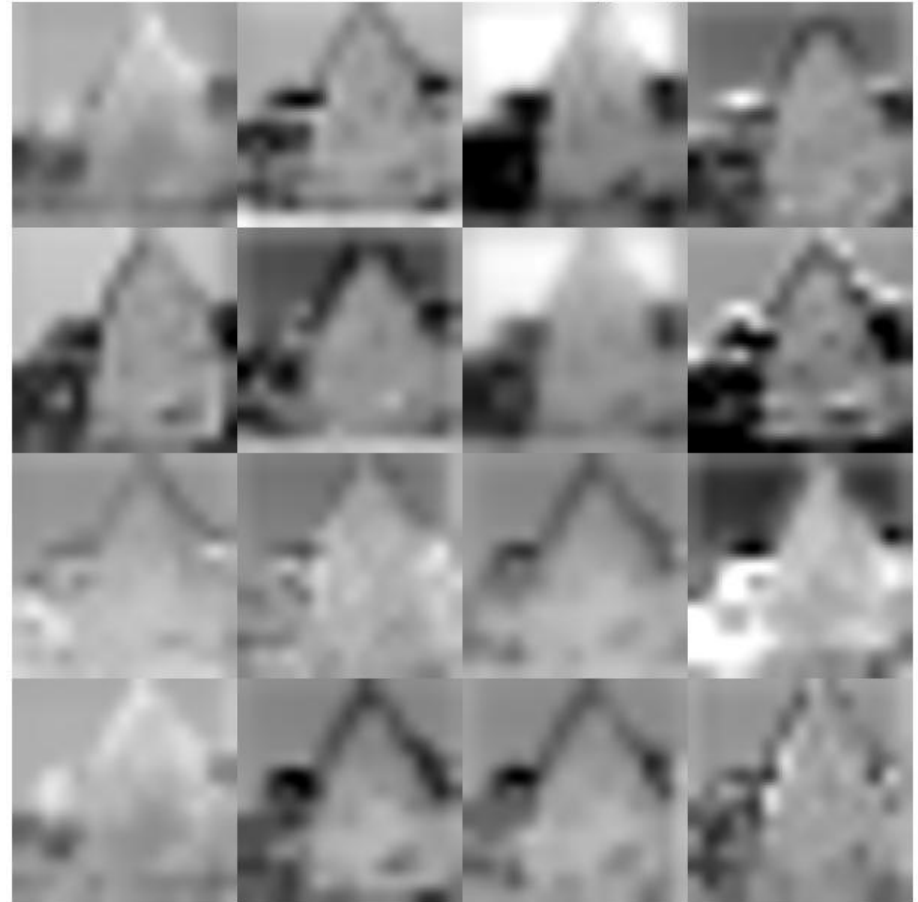
Convolution 1



Relu 1



Convolution 2_1



Convolution 2_2