Semi-supervised training of CNNs

Student: Kevin Duarte
Mentors: Dr. Boqing Gong
Yang Zhang

Results

Original Image	Basic Auto-encoder (18 epochs)	What-where Auto-encoder (25 epochs)
		
		

Results

- I have trained a classification CNN using this new auto-encoder’s weights, but the results are not that good
  - I get an accuracy of about 55-60% when the same accuracy can be achieved with randomly initialized weights
- I have worked on my poster board and my paper this week, so these will probably be my final results
- I will try and continue my research in the Fall