

EEL 4815

Machine Learning

Project Outline

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I plan to use ResNet2 with ImageNet as the data set to train and test the Residual Neural Network at different sizes. These 3 different sizes are Resnetv2 50, 101, and 151. I will compare this data to the convolutional neural network used in homework 3 to show the improvement Residual Neural Networks have over Convolutional Neural Networks, and how skip blocks help create deeper networks and fix overfitting withing neural networks.