

CS512: Advanced Machine Learning.  
Assignment 3: Adversarial Training on Sequence Classification

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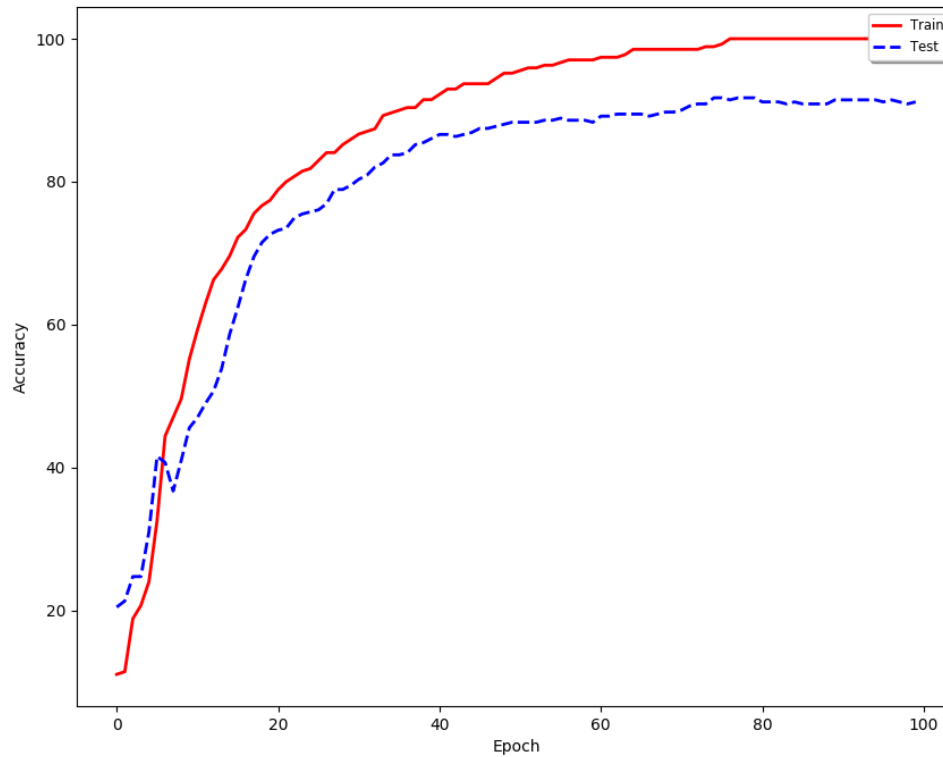
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April 11, 2020

## 1 (15 points) Training the Basic Model

Hyperparameters values:

`batch_size = 27, hidden_size = 10, basic_epoch = 100, out_channels = 64, kernel_size = 10, stride = 3, lr = 1e-3 (learning rate), weight_decay = 1e-3.`



## 2 (10 points) Save and Load Pretrained Model

See code.

## 3 (25 points) Adversarial Training as Regularization

## 4 (40 points) Adversarial Training as Proximal Mapping

## 5 (10 points) Dropout and Batch Normalization