How to obtain neural network that provides over 98%accuracy on the speed limit classification

Regulization factor is 0.005, and applied dropout on the first fc layer.

Use default lenet, train bottleneck features using

Default learning rate, 100 epochs

1e-3 learning arête, 100 epochs

2e-4 learning rate, 800 epochs

Trained Feature extraction

Default learning rate, 30 epochs

2e-4 learning rate, 30 epochs

Finetune 10 without dropout and 1e-5 learning rate