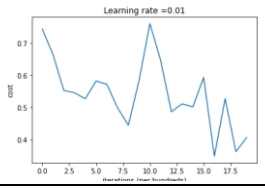
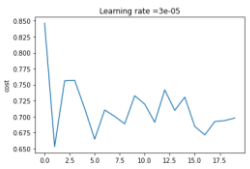
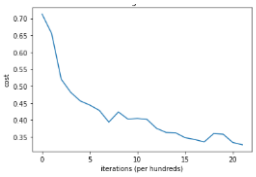
	Linear	My CNN	Tensorflow CNN
Epochs	20	20	20
Training time	1s	27min	7s
Accuracy	0.8333 0.7583	0.7958 0.7833	0.8708 0.8083
Parameters	131,329	49,473	1,082,177
Loss curve			

Advance part:

model architecture:

I choose one conv layer and three dense layer. And I use kernel_initializer='he_uniform', reduce_lr = keras.callbacks.ReduceLROnPlateau to help me get a better accuracy.

how you choose loss function and optimizer:

optimizer is adam, since I find that using adam and ReduceLR will have a better performance.

Loss function:

I use BCE, since there are only two output,0 and 1.