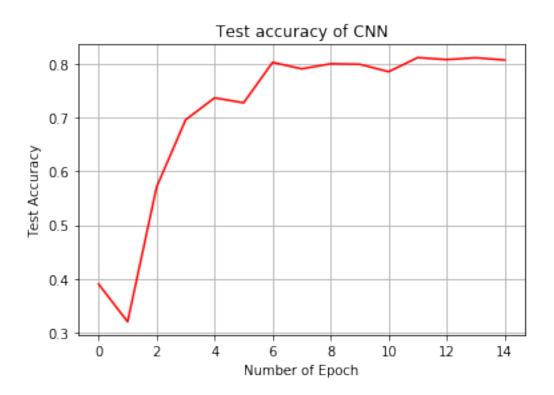
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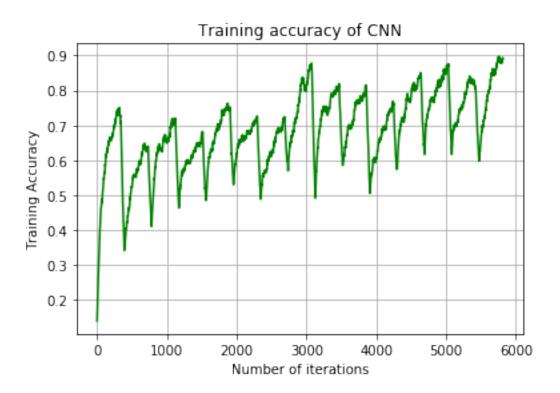
June 1, 2018

1 Plot of training results

1.0.1 note

Based on the following result, my model perfectly fitted, because the both the training accuracy and test accuracy limb to the top. However, if I keep encrease the number of epochs, the model might be overfit to the training data.





```
In [8]: train_loss = np.convolve(w/w.sum(), train_loss,mode='valid')
fig3 = plt.plot(np.arange(len(train_loss)), train_loss,'-b')
plt.xlabel('Number of iterations')
plt.ylabel('Training loss')
plt.title('Training loss of CNN')
plt.grid(True)
plt.show(True)
```

