Version 1 of the NN:

500 > 1000 > 500 > 1

Batch norm

Dropout = 0.5

1,000 epochs

No learning schedule

Lr = 0.001

Train AUC: 0.8828933950936251

Validation AUC: 0.8506028595122417

Test AUC: 0.8415421422610957