Artificial intelligence related course report

In my third year, I took two courses, namely "Artificial Neural Networks" and "Machine Learning" 。In the former, I leanred three common Neural Networks Feedforward network, Competitive network and Recrrent associative memory network. I also learn classic algorithm Learning Rule Algorithm, Widrow-Hoff Learning (LMS) Algoithm and Backpropagtion Algorithm. At the end of the course, I learned the details about CNN(Convolutional Neural Network). Use Python to implement Perceptron Learning Rule, Backpropagation and Perceptron Learning. In the latter, besides Neural Networks, I learned Data Mining. Including Decision Tree、K-Nearest-neighbor、Support Vector Machines. In the final, I implemented Support Vector Machines.