Journal 3-3

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This week I worked on smoe basic vision algorithmns for from Karapathy's CS231n Lectures, including kNN and a basic linear classifier, with the Multiclass SVM Loss function. I didn't get around to covering all the next lectures I planned, since I was out on Monday, but I was able to cover Regularization. This week, I will have to play some catchup this week and also try to cover some additional lectures that I had originally planned.

During this week's lecture I learned about regularization functions like L2, which are use to determine determine which vectors bring out more features of the original input. With a regularization function implemented, if a vector x was [1,1,1,1], the loss function would favor scores such as [.25,.25,.25,.25] over [1,0,0,0]