Deep Learning for Computer Vision

Lecture 0: Introduction to the Course

Peter Belhumeur

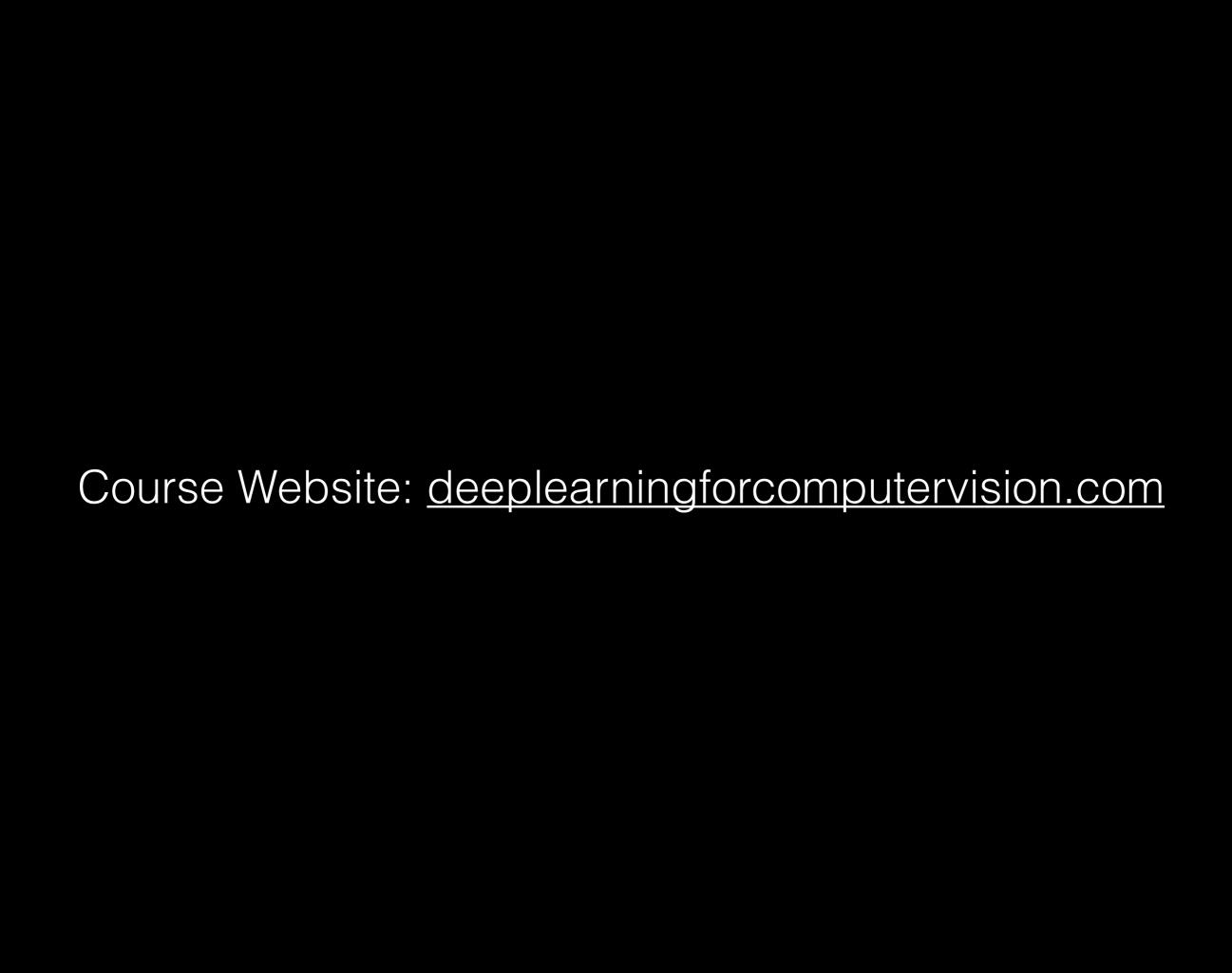
Computer Science Columbia University Disqualifier: If you have taken:

An Introduction to Deep Learning Course

YOU MAY NOT TAKE THIS COURSE FOR CREDIT.

Prof. Peter Belhumeur Computer Science

623 CEPSR
belhumeur@cs.columbia.edu
Office Hours: Tuesday 11:00am-12:00pm



Course Slack: <u>dl-4-cv.slack.com</u>

Course Programming Language: Python

Course Coding Environment: <u>Jupyter Notebooks</u>

Course Grading:

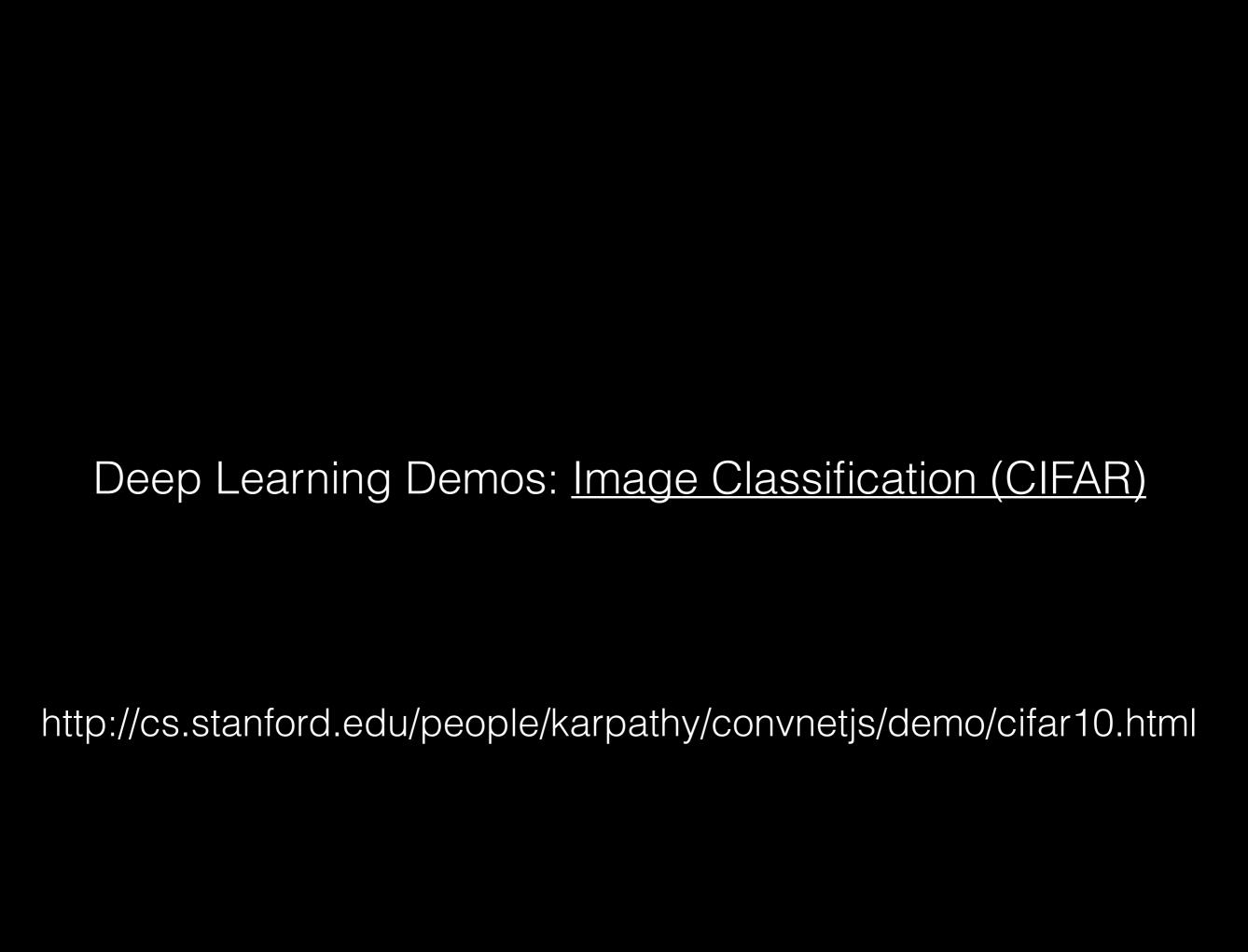
Assignments = 60% + Final Project Proposal = 5% + Final Project = 35%

Deep Learning Demos: <u>Handwriting Generation</u>

http://www.cs.toronto.edu/~graves/handwriting.html

Deep Learning Demos: Digit Recogntion

http://cs.stanford.edu/people/karpathy/convnetjs/demo/mnist.html



Deep Learning Demos: Image Classification

https://visual-recognition-demo.ng.bluemix.net