

Deep Learning for Computer Vision

Lecture 0: Introduction to the Course

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Computer Science
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- 1. IF YOU ALREADY KNOW THE MATERIAL, TAKE ANOTHER MORE ADVANCED COURSE.**
- 2. IF YOU WANT TO ONLY WORK WITH THE LATEST MODELS FROM THE LITERATURE AND DON'T WANT TO START AT THE BEGINNING, TAKE ANOTHER MORE ADVANCED COURSE.**
- 3. LOOK AT THE ASSIGNMENTS NOW. SEE IF THEY ARE WHAT YOU ARE INTERESTED IN LEARNING, AND IF NOT TAKE ANOTHER COURSE.**

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Office Hours: Tuesday 11:00am-12:00pm

Course Website: deeplearningforcomputervision.com

Course Slack: www.deeplearningf-u8a8376.slack.com

Course Programming Language: Python

Course Coding Environment: Jupyter Notebooks

Course Grading:

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

2014

Deep Learning Demos: Handwriting Generation

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

2021



<https://www.nytimes.com/2022/09/02/technology/ai-artificial-intelligence-artists.html>

1998

Deep Learning Demos: Digit Recognition

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

2021

Deep Learning Demos: [Image Classification](#)

<https://huggingface.co/tasks/image-classification>

2020

Deep Learning Demos: Text Generation

<https://transformer.huggingface.co/doc/distil-gpt2>