Deep ANNs Continued

Convolutional Neural Networks

- https://adeshpande3.github.io/adeshpande3.github.io/A-Beginner's-Guide-To-Understanding-Convolutional-Neural-Networks/
- http://neuralnetworksanddeeplearning.com/chap6.html

- http://cs231n.stanford.edu/

- https://ujjwalkarn.me/2016/08/11/intuitive-explanation-convnets/

- https://medium.com/@ageitgey/machine-learning-is-fun-part-3-deep-learning-and-convolutional-neural-networks-f40359318721

Activation Functions

- https://en.wikipedia.org/wiki/Activation_function

- https://en.wikipedia.org/wiki/Rectifier_(neural_networks)#ELUs

Generative Adversarial Neural Networks

- https://arxiv.org/pdf/1406.2661.pdf

Bayesian Neural Networks

- http://bayesiandeeplearning.org/slides/nips16bayesdeep.pdf

- http://mlg.eng.cam.ac.uk/yarin/PDFs/2015_UCL_Bayesian_Deep_Learning_talk.pdf

Visualization of Deep NN

- http://yosinski.com/deepvis

- https://arxiv.org/pdf/1509.06321.pdf

- https://arxiv.org/pdf/1311.2901.pdf

- https://arxiv.org/pdf/1704.07911.pdf

Scary

- https://arxiv.org/pdf/1602.02697.pdf

- https://arxiv.org/pdf/1611.03530.pdf

Advanced Optimization

- http://ufldl.stanford.edu/wiki/index.php/Gradient_checking_and_advanced_optimization