0.0002 learning rate), come on the network cant really memorize at this stage.

DCGAN

When you have a lot of neural networks (multilayer) that’s called deep learning

<https://arxiv.org/pdf/1511.06434v2.pdf>

Stuff to look at:

<https://github.com/hanzhanggit/StackGAN>

<https://github.com/LantaoYu/SeqGAN>

<https://github.com/SKTBrain/DiscoGAN>

<https://github.com/stormraiser/GAN-weight-norm> --weight normalization is better than batch normalization

http://cs229.stanford.edu/notes/cs229-notes2.pdf

https://arxiv.org/abs/1703.10717--training auto-encoder based Generative Adversarial Networks. This method balances the generator and discriminator during training

<https://adeshpande3.github.io/adeshpande3.github.io/Deep-Learning-Research-Review-Week-1-Generative-Adversarial-Nets>

different ways of convolution arthemetic

<https://github.com/vdumoulin/conv_arithmetic>

examples:

https://github.com/adeshpande3/Tensorflow-Programs-and-Tutorials

<https://github.com/platers/Logograms-GAN>

<https://github.com/rrichajalota/generative-adversarial-networks>

<https://github.com/jwilber/Semi-Supervised-Learning-with-GANS>

<https://www.youtube.com/watch?v=9c4z6YsBGQ0&feature=youtu.be>

<https://github.com/osh/KerasGAN>

http://cs.stanford.edu/people/karpathy/gan/

collection of gans:

https://github.com/wiseodd/generative-models

good examples of networks/ neural networks with pytorch <https://github.com/MorvanZhou/PyTorch-Tutorial>

same thing as above but with tf

<https://github.com/MorvanZhou/Tensorflow-Tutorial>

bibliography:

<http://cs231n.github.io/convolutional-networks/#fc> --used images

<http://kvfrans.com/generative-adversial-networks-explained/>

<https://datascience.stackexchange.com/questions/6107/what-are-deconvolutional-layers>

<http://bamos.github.io/2016/08/09/deep-completion/>

<http://sites.nicholas.duke.edu/statsreview/probability/jmc/>

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<http://slideplayer.com/slide/4877699/>

http://www.kdnuggets.com/2017/01/generative-adversarial-networks-hot-topic-machine-learning.html