Works Cited

All of the resources cited in Course 3 Week 1, in one place. You are encoura these papers/sites if they interest you! There are many resources this week is recent research on emerging uses of GANs. They are listed in the order th the lessons.

From the videos:

- Semantic Image Synthesis with Spatially-Adaptive Normalization (Park Zhu, 2019): https://arxiv.org/abs/1903.07291
- Photo-Realistic Single Image Super-Resolution Using a Generative Adv Network (Ledig et al., 2017): https://arxiv.org/abs/1609.04802
- Multimodal Unsupervised Image-to-Image Translation (Huang et al., 2 https://github.com/NVlabs/MUNIT
- StackGAN: Text to Photo-realistic Image Synthesis with Stacked Gener Networks (Zhang et al., 2017): https://arxiv.org/abs/1612.03242
- Few-Shot Adversarial Learning of Realistic Neural Talking Head Model Shysheya, Burkov, and Lempitsky, 2019): https://arxiv.org/abs/1905.08
- Snapchat: https://www.snapchat.com
- MaskGAN: Towards Diverse and Interactive Facial Image Manipulation and Luo, 2020): https://arxiv.org/abs/1907.11922
- When AI generated paintings dance to music... (2019): https://www.youtube.com/watch?v=85l961MmY8Y
- Data Augmentation Generative Adversarial Networks (Antoniou, Stork Edwards, 2018): https://arxiv.org/abs/1711.04340
- Training progression of StyleGAN on H&E tissue fragments (Zhou, 201 https://twitter.com/realSharonZhou/status/1182877446690852867
- Establishing an evaluation metric to quantify climate change image re Zhou, Luccioni, Cosne, Bernstein, and Bengio, 2020): https://iopscience.iop.org/article/10.1088/2632-2153/ab7657/meta
- Deepfake example (2019): https://en.wikipedia.org/wiki/File:Deepfake
- Introduction to adversarial robustness (Kolter and Madry): https://adv tutorial.org/introduction/
- Large Scale GAN Training for High Fidelity Natural Image Synthesis (Br and Simonyan, 2019): https://openreview.net/pdf?id=B1xsqj09Fm
- GazeGAN - Unpaired Adversarial Image Generation for Gaze Estimatio