Group Members: Chenda Duan, Zhengtong Liu

Topic: DeepFake Generation (with emphasis on image to image translation using GAN)

Relevant papers and their git repo:

1. [MaskGAN: Towards Diverse and Interactive Facial Image Manipulation](https://arxiv.org/abs/1907.11922)

GitHub Link: <https://github.com/switchablenorms/CelebAMask-HQ>

1. [StarGAN: Unified Generative Adversarial Networks for Multi-Domain Image-to-Image Translation](https://arxiv.org/abs/1711.09020)

[StarGAN v2: Diverse Image Synthesis for Multiple Domains](https://arxiv.org/abs/1912.01865)

GitHub Link: <https://github.com/yunjey/StarGAN>, <https://github.com/clovaai/stargan-v2>

1. [Unpaired Image-to-Image Translation using Cycle-Consistent Adversarial Networks](https://arxiv.org/abs/1703.10593)

GitHub Link: <https://github.com/junyanz/CycleGAN>

1. [ESRGAN: Enhanced Super-Resolution Generative Adversarial Networks](https://arxiv.org/abs/1809.00219)

GitHub Link: <https://github.com/xinntao/ESRGAN>

1. [Image-to-Image Translation with Conditional Adversarial Networks](https://arxiv.org/abs/1611.07004)

GitHub Link: <https://github.com/phillipi/pix2pix>

1. [DeepFaceLab: Integrated, flexible and extensible face-swapping framework](https://arxiv.org/abs/2005.05535)

GitHub Link: <https://github.com/iperov/DeepFaceLab>

1. [FSGAN: Subject Agnostic Face Swapping and Reenactment](https://arxiv.org/abs/1908.05932)

GitHub Link: <https://github.com/YuvalNirkin/fsgan>