

# STAR GAN

## Requirements

- Tensorflow 1.8
- Python 3.6

## Usage

### Downloading the dataset

```
> python download.py celebA
```

```
├─ dataset
  └─ celebA
    ├─ train
    │   ├── 000001.jpg
    │   ├── 000002.jpg
    │   └─ ...
    ├─ test (It is not celebA)
    │   ├── a.jpg (The test image that you wanted)
    │   ├── b.png
    │   └─ ...
    └─ list_attr_celeba.txt (For attribute information)
```

### Train

- `python main.py --phase train`

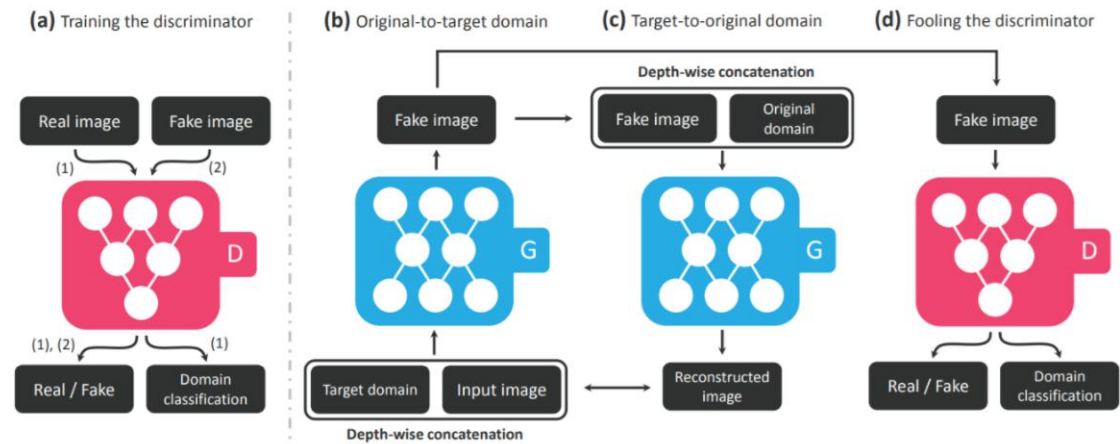
### Test

- `python main.py --phase test`
- The celebA test image and the image you wanted run simultaneously

### Pretrained model

- Download [checkpoint for 128x128](#)

## Summar

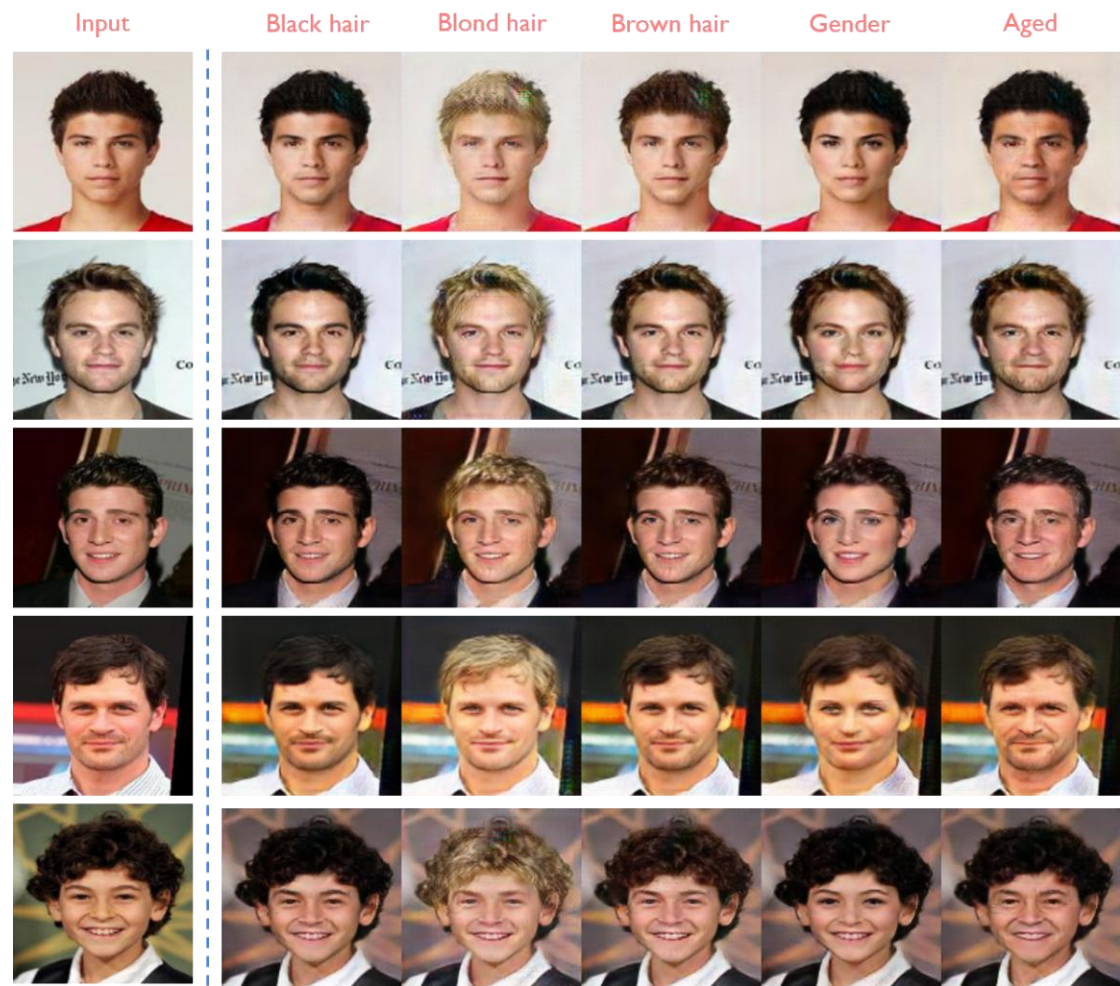


## Results (128x128, wgan-gp)

### Women



## Men



## Related works

- [CycleGAN-Tensorflow](#)
- [DiscoGAN-Tensorflow](#)
- [UNIT-Tensorflow](#)
- [MUNIT-Tensorflow](#)

## Reference

- [StarGAN paper](#)
- [Author pytorch code](#)

## Author

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