# AI Costume Designer

Han Yan's capstone MVP
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# OBJECTIVE

Hey ladies and gentlemen, tired of seeing the boring clothes options?

Hey Designer, run out of ideas and inspirations?

**This generator will provide you endless clothes designs**
**that haven't existed before.**

This generator will be your inspiration,

or at least it could be for your entertainment to the eyes.
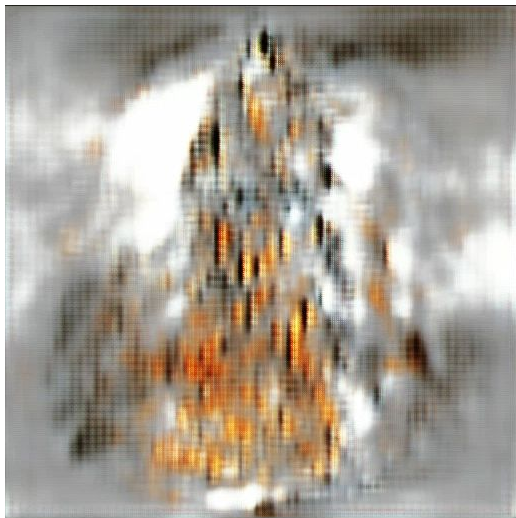
# DATA

**2544** Costume images

from **The MET museum**

Fashion trend is a circle,

we specially pick past iconic costumes design,

from different cultures and categories.

# MVP

Using Basic GAN / styleGAN to generate clothes images

# METHODS

- Web scraping: requests, urllib

- Image processing: pillow

- Folder management: os, openCV

- Tensorflow/Keras

# POTENTIAL UPGRADE

- More training images

- Conditional GAN to let users pick certain categories

- Higher resolution output

# RESULT / DEPLOYMENT

Generate images live


Github link:

https://github.com/vivyhasadream/vintage_clothes_generator.git