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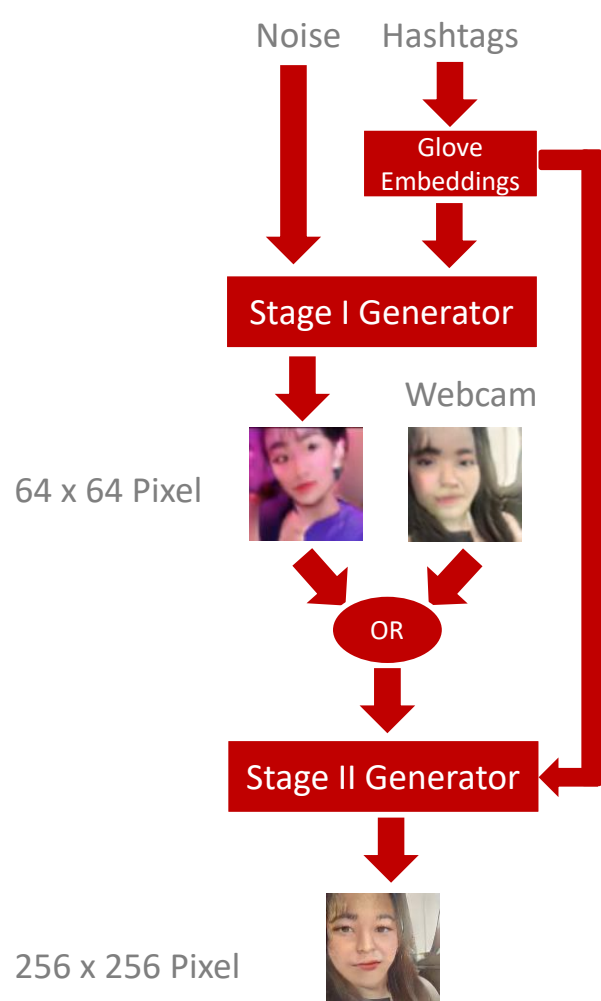
#Selfie: Generating and Improving Instagram Images using InstaGAN

#PimpYourInstagramProfile

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Architecture

StackGAN [1]



Process

1. Gather Data
2. Preprocess Data
3. Train Stage I
4. Train Stage II (using Generator of Stage I)

Crawling Instagram

- 90,000 distinct images
- 64,470 distinct Hashtags
- Popular Hashtags:
 - #ootd (Outfit of the day)
 - #셀카 (Selfie)
 - Summer, Friends ...

Architecture Attributes

- Training two conditional GANs
- 100 dimensional Glove embeddings
- Stage I: 120 Epochs
- Stage II: 35 Epochs

Applications

- Style Transfer
- Change hairstyle
- Add Snapchat Filters
- Transform images
- ... and many more!

Results

