Neural Style Transfer
NeuralArt - Stylize your Image

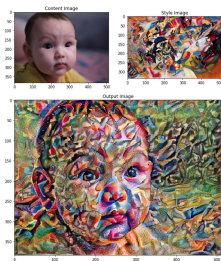Avishi Gupta, Vaseem Naazleen, Shivangi Tomar

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Overview

Our project aims to stylize image by implenting A Neural Algorithm of Artistic Style paper by Leon A.Gatys, Alexander S.Ecker and Mathias Bethge.
https://arxiv.org/pdf/1508.06576.pdf

What is Neural Style Transfer?

- Neural Style Transfer is a technique used to generate image in the style of another image.

- It uses the stylistic components of one image to draw the content of another

Example

```
image.jpeg
```

Key Finding

The representation of content and style in the Convolutional Neral Network are seperable.

Modules

- Keras (TensorFlow backend)
- NumPy
- SciPy
- Flutter

Status

- Read the research paper.
- Working on the code implementations.

Learnings and Difficulties

- Learned to work with github conveniently.
- Learned to make presentation using Beamer.
- Studied about CNN.

Difficulties

- The program is taking lot of time to output stylized image.(Working on it)

Thank You :)