

Names:

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Assignment 1 - Eulerian Video Magnification

Shi video: <https://drive.google.com/open?id=0B9u43zTWmz4VYVNOcEV1aUlqUUk>

Shiwangi video: <https://goo.gl/photos/MyTU7ipU8aoTSh836>

Assignment 2 – Creative AI report

Title: A Learned Representation for Artistic Style

Paper: <https://arxiv.org/abs/1610.07629>

Slides:

<https://docs.google.com/a/uic.edu/presentation/d/1Ce3W8dRfiUyFw5ZEjJmS5GtX1rjKN737Vug5eif5BJY/edit?usp=sharing> (UIC account required to view)

Project 1 - implement a generative ML algorithm for processing image data

Algorithm: Fast style transfer

Github Repos: <https://github.com/joy sword/fast-style-transfer>

Live Demo: <http://sage2rtt.evl.uic.edu:5000/>

Project 2 - implement a Recurrent Neural Network

Algorithm: Generate Chinese Tang Poetry using Char-RNN

Github Repo: <https://github.com/joy sword/char-rnn-tensorflow>

Live Demo: <http://sage2rtt.evl.uic.edu:8080/>

Video: <https://youtu.be/91lA5g6MF8s>

Project 3 - Generative Adversarial Networks

Algorithm: Outpainting using Context Encoders

Context Encoder paper: [https://people.eecs.berkeley.edu/~pathak/context\\_encoder/](https://people.eecs.berkeley.edu/~pathak/context_encoder/)

Github Repo: <https://github.com/shiwangi27/Inpainting>

Live Demo: <http://sage2rtt.evl.uic.edu:8181/>

Video: [https://youtu.be/EvQ1Adle\\_iE](https://youtu.be/EvQ1Adle_iE)