

The Future of Art

J. Rosenbaum
@minxdragon

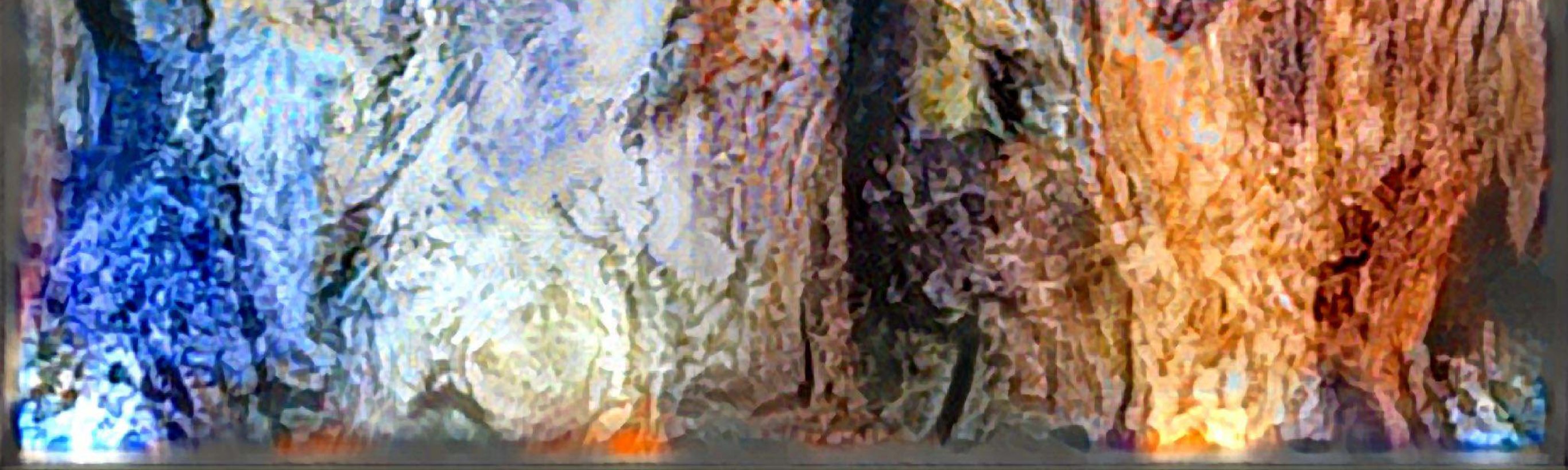
www.jennierosenbaum.com

DEVVOXXTM
United Kingdom



#DevoxxArt

@minxdragon



CREEPY, FRIVOLOUS AND BEAUTIFUL ART MADE WITH MACHINES

J. ROSENBAUM - @MINXDRAGON

THE FUTURE OF ART

[HTTP://BIT.LY/BRYNG](http://bit.ly/bryng)

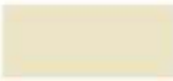
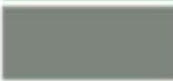
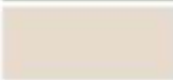
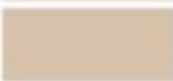
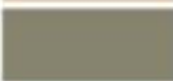
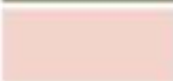
ROBOT GODS BY BRYN G JONES



JANELLE SHANE

Artificial Intelligence

An AI Just Created and Named New Paint Colors, and They're Hilarious

	Bull Cream 235 229 198
	Copper Panty 168 124 99
	Primple Brown 134 100 80
	Stoned Blue 124 164 145
	Sting Gray 124 134 124
	Rose Colon 231 219 205
	Stamped Candy 215 193 171
	Mown Poupe 134 130 109
	Blue Child 244 211 205
	Sandbork 135 135 108
	Farty Red 164 47 47
	Dorky Brown 81 52 76

Neural networks + Kittens = !!!



NEURAL NETWORK FISH NAMES

JANELLE SHANE

[HTTP://LEWISANDQUARK.TUMBLR.COM](http://lewisandquark.tumblr.com)

@JANELLECSHANE

ART BY

MAX GRAENITZ

[HTTPS://WWW.INSTAGRAM.COM/MAXGRAENITZ/](https://www.instagram.com/maxgraenitz/)



CUBAN CARPET SHARK



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about chicken.

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red trusty moist
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source: ADVERTISING

algorithm: PREDICTIVE

**HALLOWEEN IS A HOLIDAY FOR
ST. COSTUME, LASTING 8 HOURS
AND ENDANGERING THE ISLAND.**



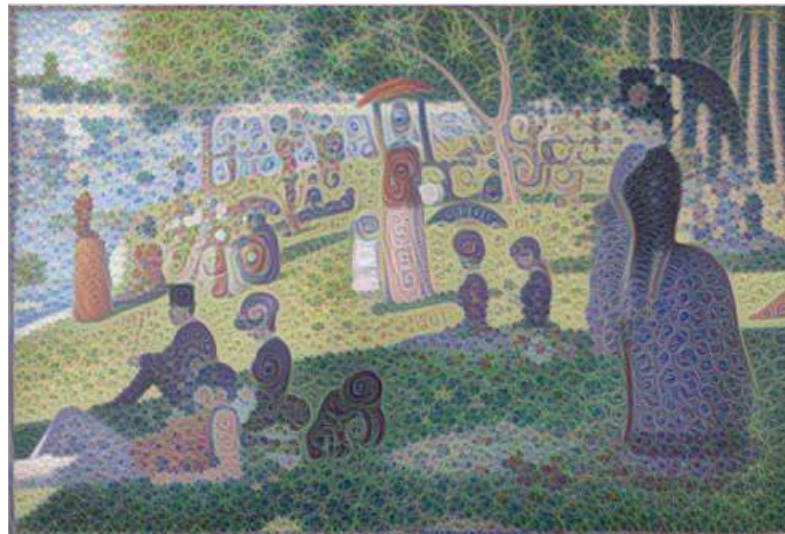
source: HALLOWEEN TIPS

algorithm: PREDICTIVE

WWW.BOTNIK.NET

BOTNIK

GOOGLE DEEP DREAM





WWW.DEEPDRREAMGENERATOR.COM

DEEP DREAM STARRY NIGHT



@AHNETHAHRA

FROG

A NEURAL ALGORITHM OF ARTISTIC STYLE

A



B



C



D



MULTISTYLE PASTICHE GENERATOR



Style #1 Weight: 25%
Style #2 Weight: 20%
Style #3 Weight: 55%

[HTTPS://PRISMA-AI.COM](https://prisma-ai.com)

PRISMA



ALCHEMY

COMPREHENSION, DECONSTRUCTION, RECONSTRUCTION



[HTTPS://GITHUB.COM/JCJOHNSON/NEURAL-STYLE](https://github.com/jcjohnson/neural-style)

NEURAL-STYLE



#NAILEDIT

THE FIRST IMAGE I CREATED IN NEURAL STYLE...





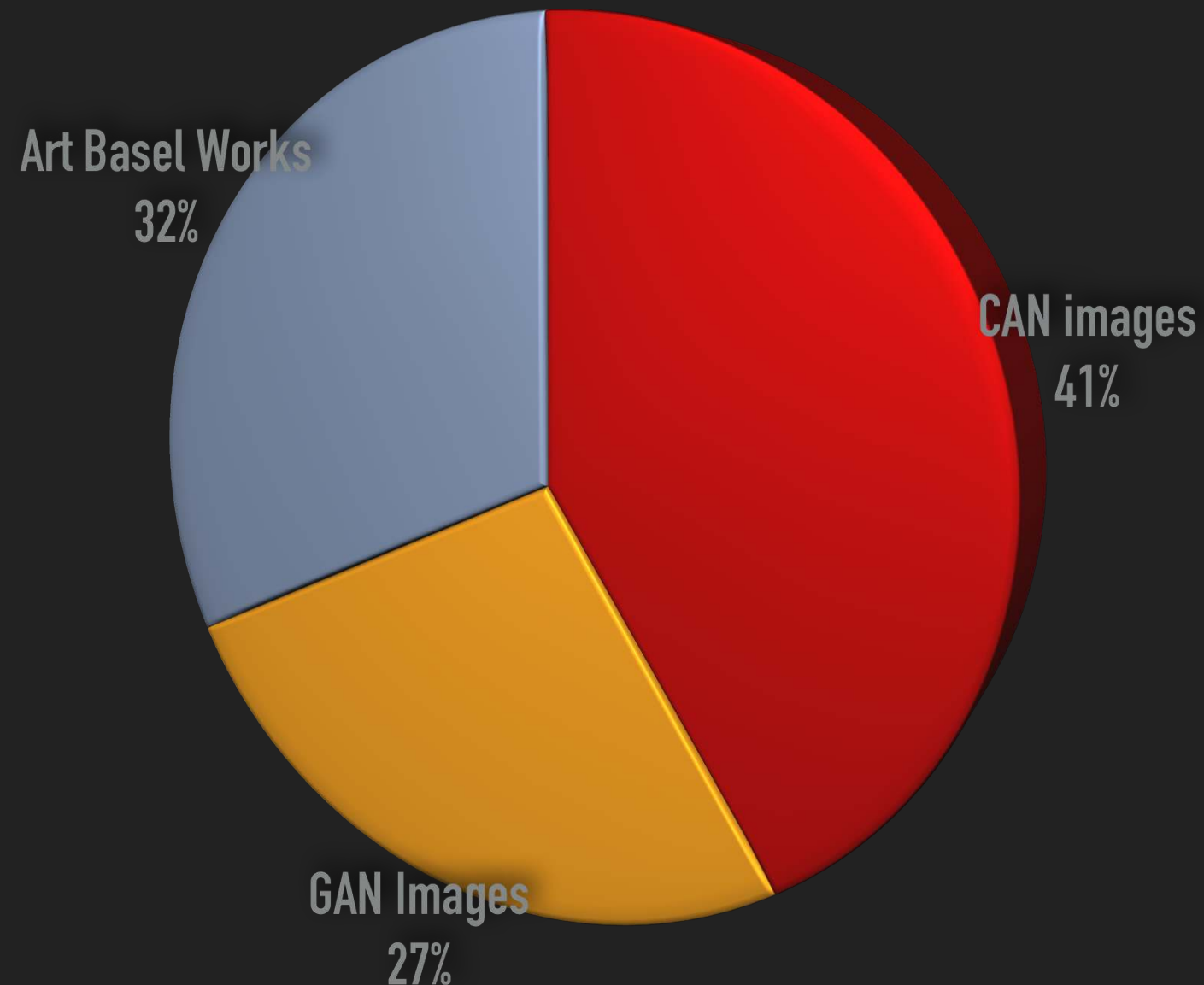
SEMANTIC PHOTOGRAPHIC STYLE TRANSFER
[HTTPS://GITHUB.COM/LOUIEYANG/DEEP-PHOTO-STYLETRANSFER-TF](https://github.com/LouieYang/deep-photo-styletransfer-tf)

GENERATIVE ADVERSARIAL NETWORKS



AI-GENERATED ART NOW LOOKS MORE CONVINCINGLY HUMAN THAN WORK AT ART BASEL, STUDY SAYS

PERCENTAGE OF WORKS BELIEVED TO BE MADE BY HUMANS



“When Respondents Were Asked To Rate How Intentional, Visually Structured, Communicative, and Inspiring the Images Were. They “Rated the Images Generated by [the Computer] Higher Than Those Created by Real Artists, Whether in the Abstract Expressionism Set or in the Art Basel Set.””

<https://news.artnet.com/art-world/rutgers-artificial-intelligence-art-1019066>



ROBBIE BARRAT - [HTTPS://GITHUB.COM/ROBBIEBARRAT](https://github.com/robbiebarrat)

LANDSCAPE PAINTING GENERATED BY PROGRESSIVE GROWING OF GANS

THOMAS KINKADE

NOT MENTIONING ANY NAMES...



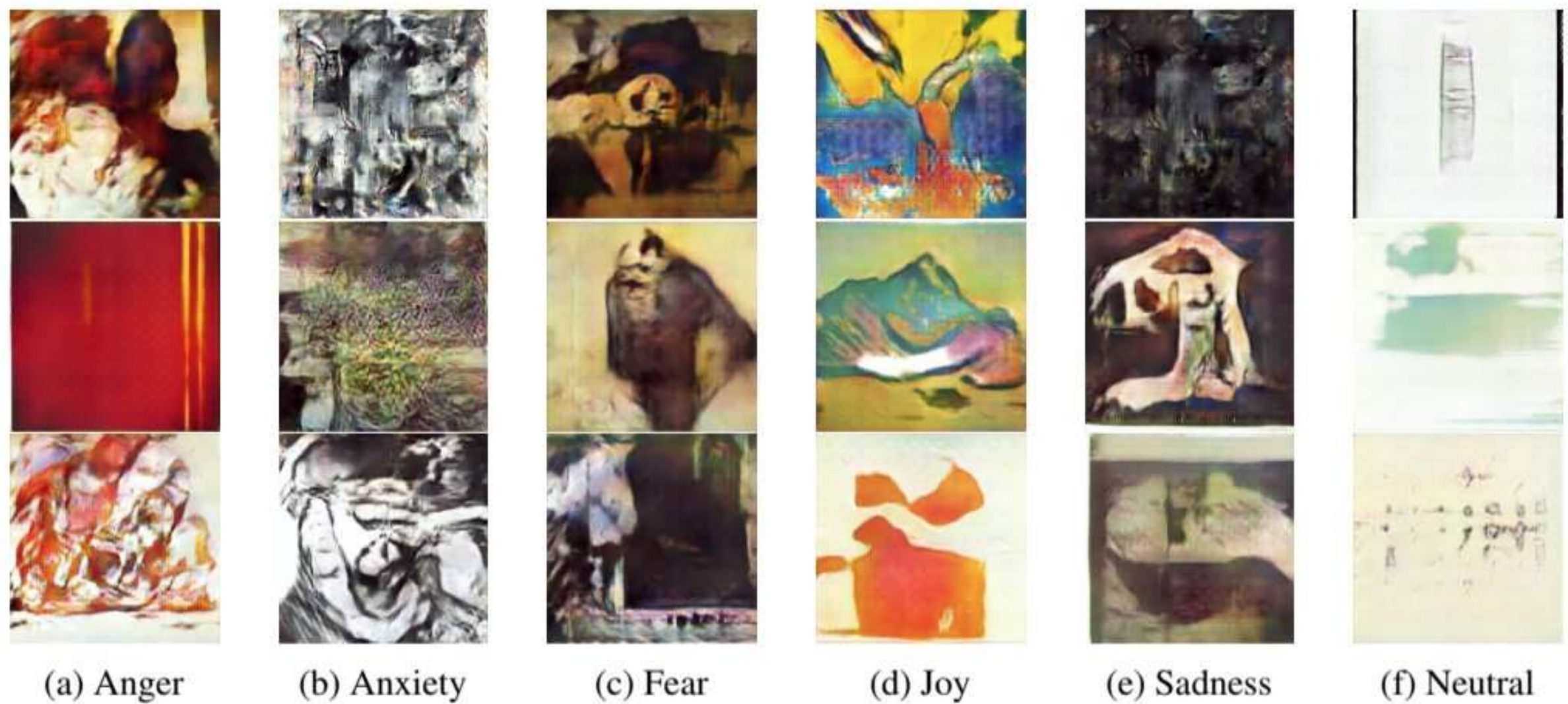


Figure 1: Artworks generated by the Emotional GAN conditioning on various emotion categories.

MUSIC IS INHERENTLY MATHEMATICAL

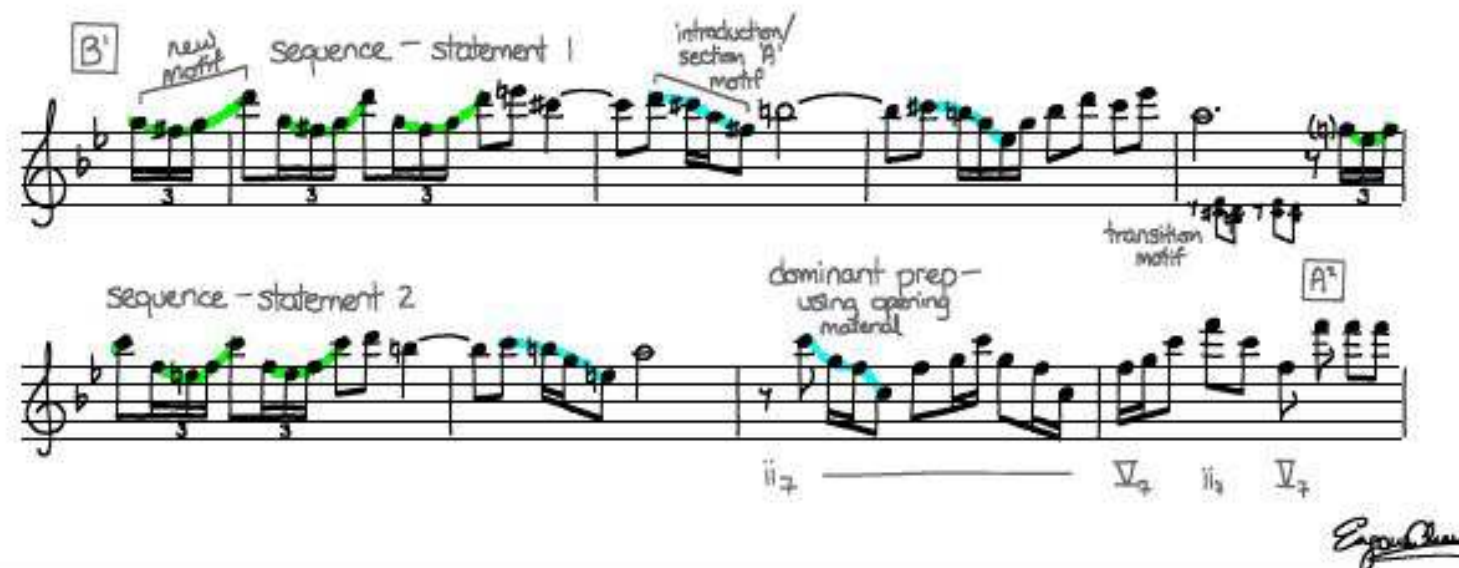
NON-MUSICIAN

♪ JUST HEAR THOSE SLEIGH BELLS JINGLING RING-TING-TINGLING TOO ♪
COME ON IT'S LOVELY WEATHER FOR A SLEIGH RIDE TOGETHER WITH YOU

MUSICIAN



MUSIC THEORY GEEK



HTTP://EUGE.CA

STAR TREK VOYAGER

VIRTUOSO



MUSIC GENERATED IN MAGENTA

Somewhere over the Magenta

Minxdragon

Magenta

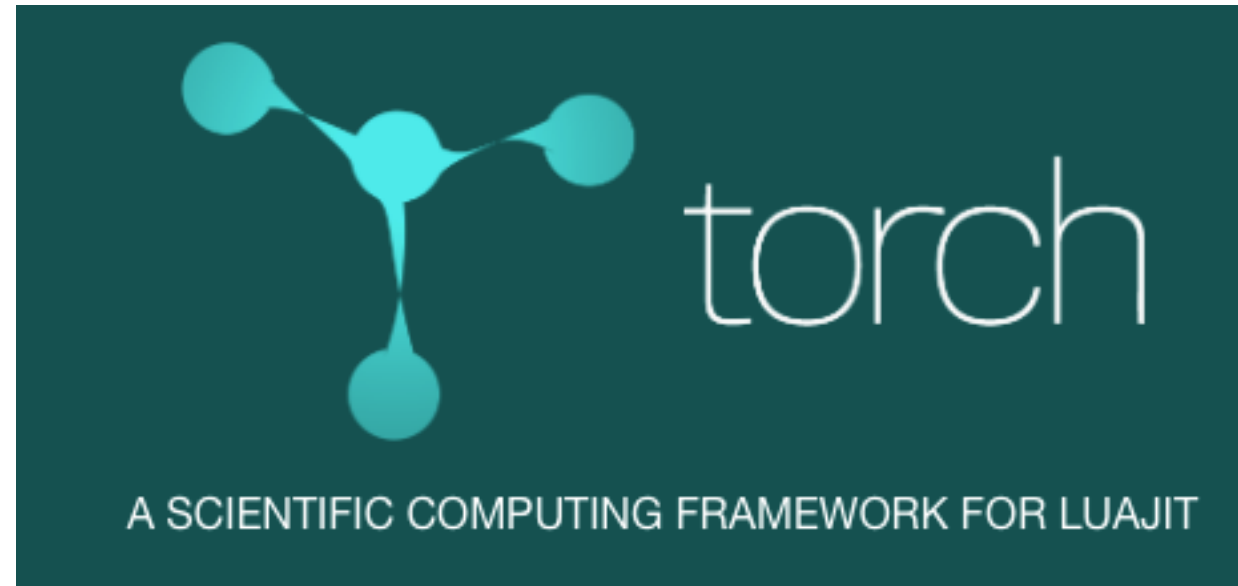


Using Somewhere over the Rainbow as a starting point.

Rendered in
ScoreCloud

MUSIC GENERATION TOOLS





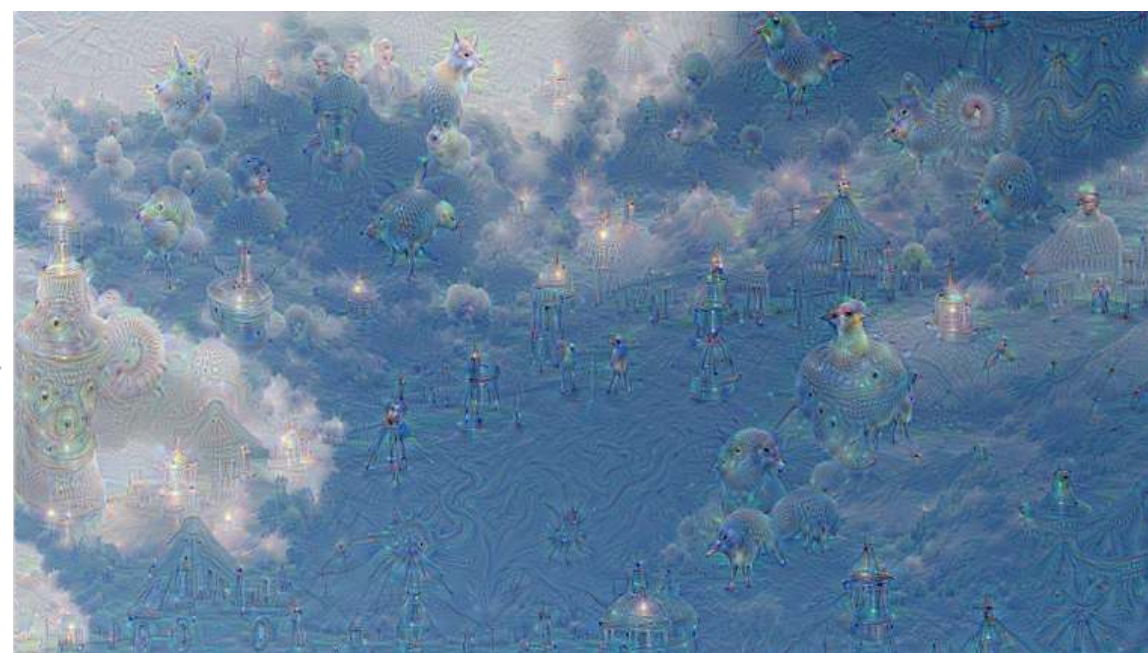
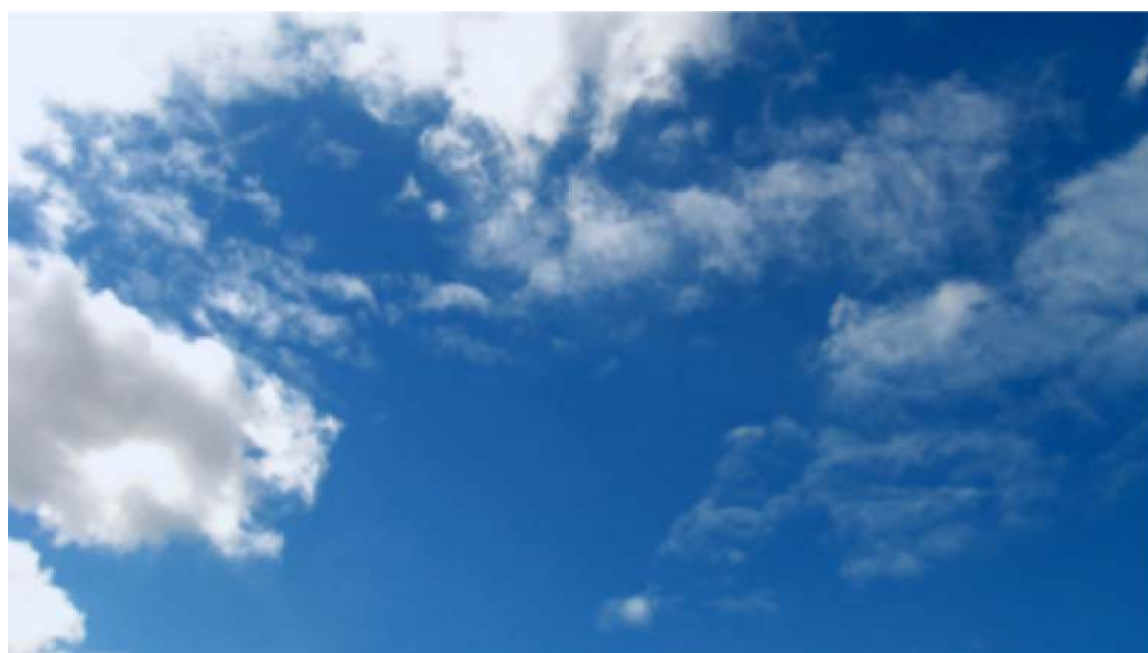
DEEPART.io

DEEP DREAM SPAGHETTI

CREEPLY AND RIDICULOUS APPLICATIONS



#PUPPYSLUG



"Admiral Dog!"



"The Pig-Snail"

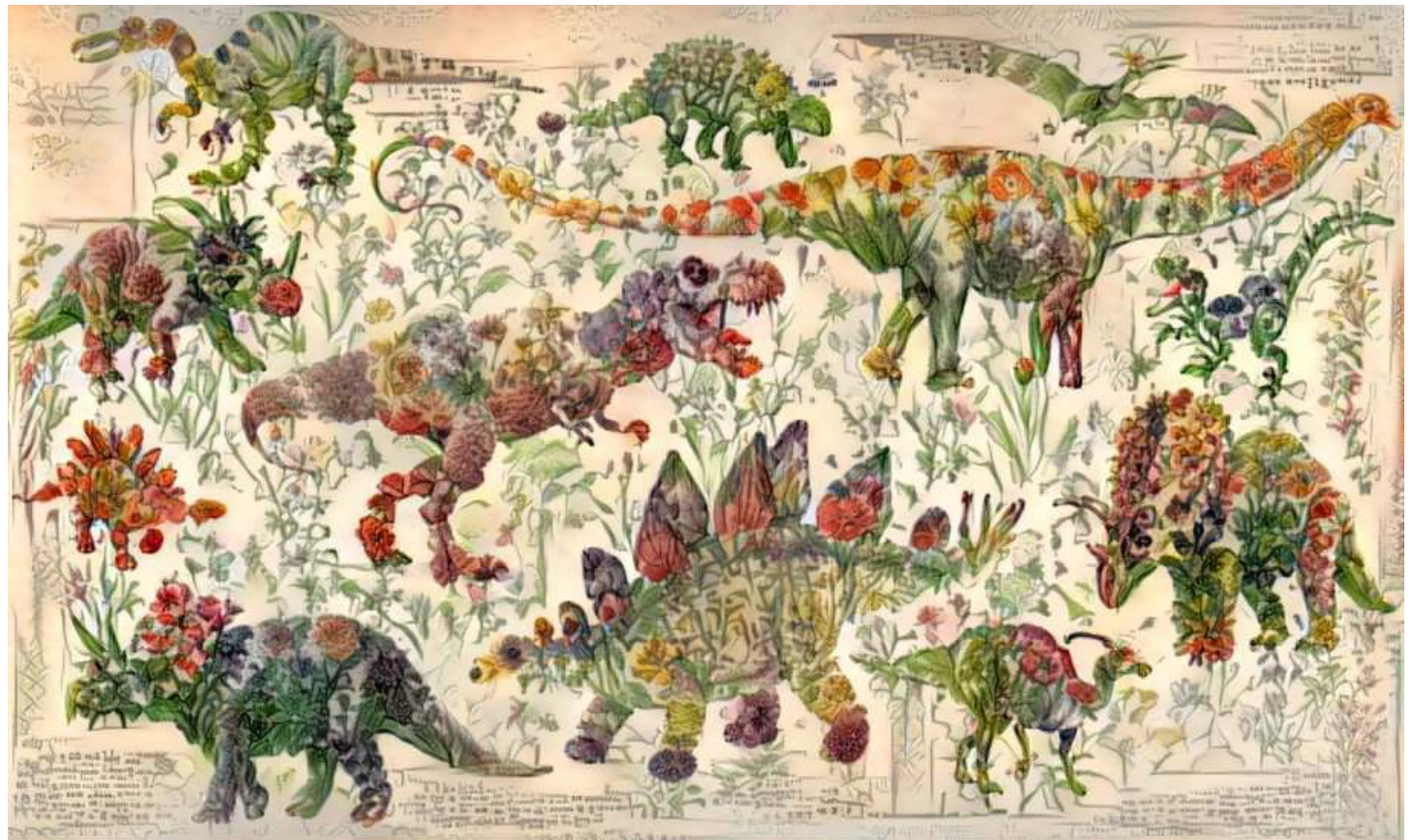


"The Camel-Bird"



"The Dog-Fish"

DINOSAURS BY CHRIS RODLEY

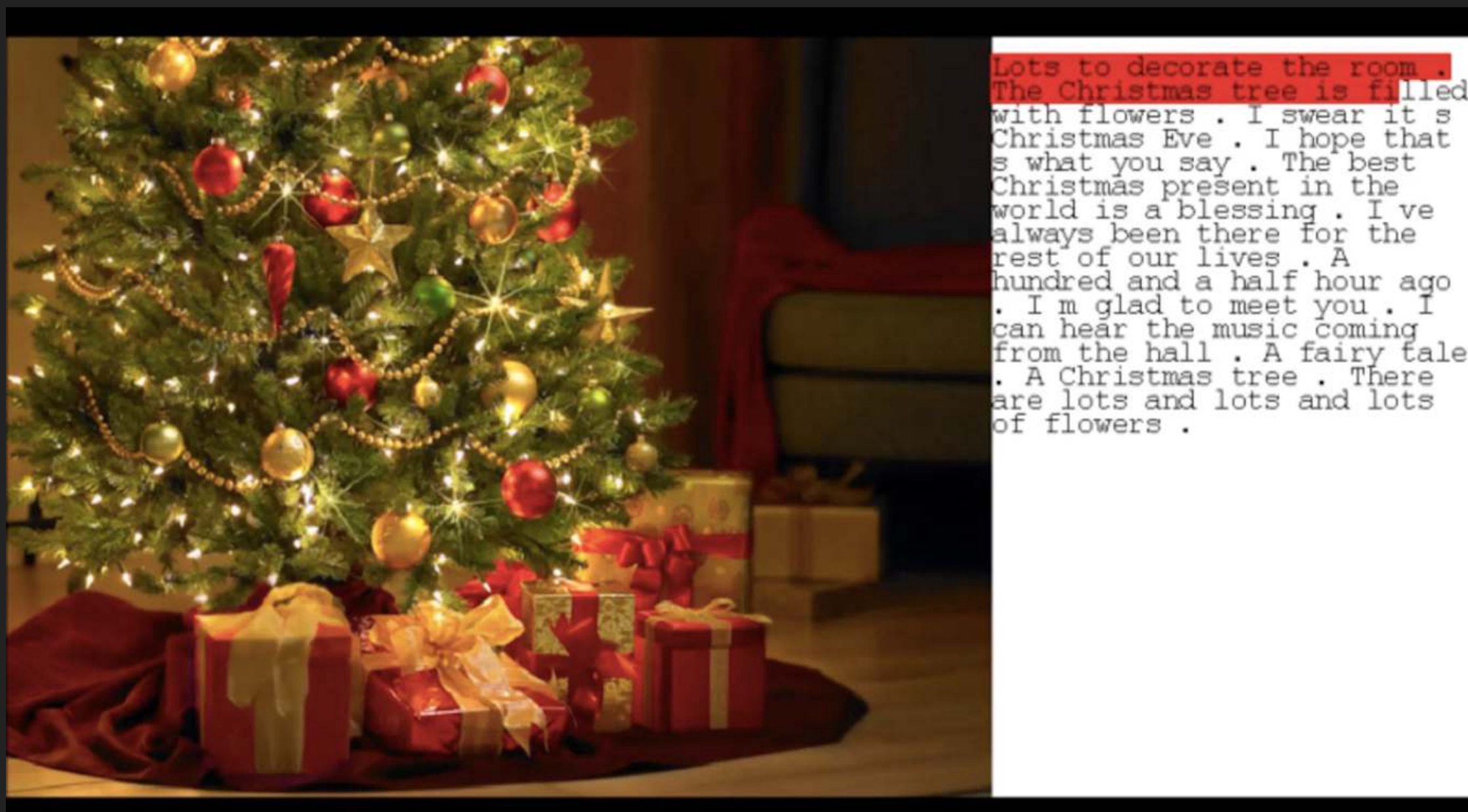


NAPOLEON CROSSING THE ALPS – AMGUNNERSFC



NEURAL KARAOKE — THE UNIVERSITY OF TORONTO

[HTTPS://VIMEO.COM/192711856](https://vimeo.com/192711856)



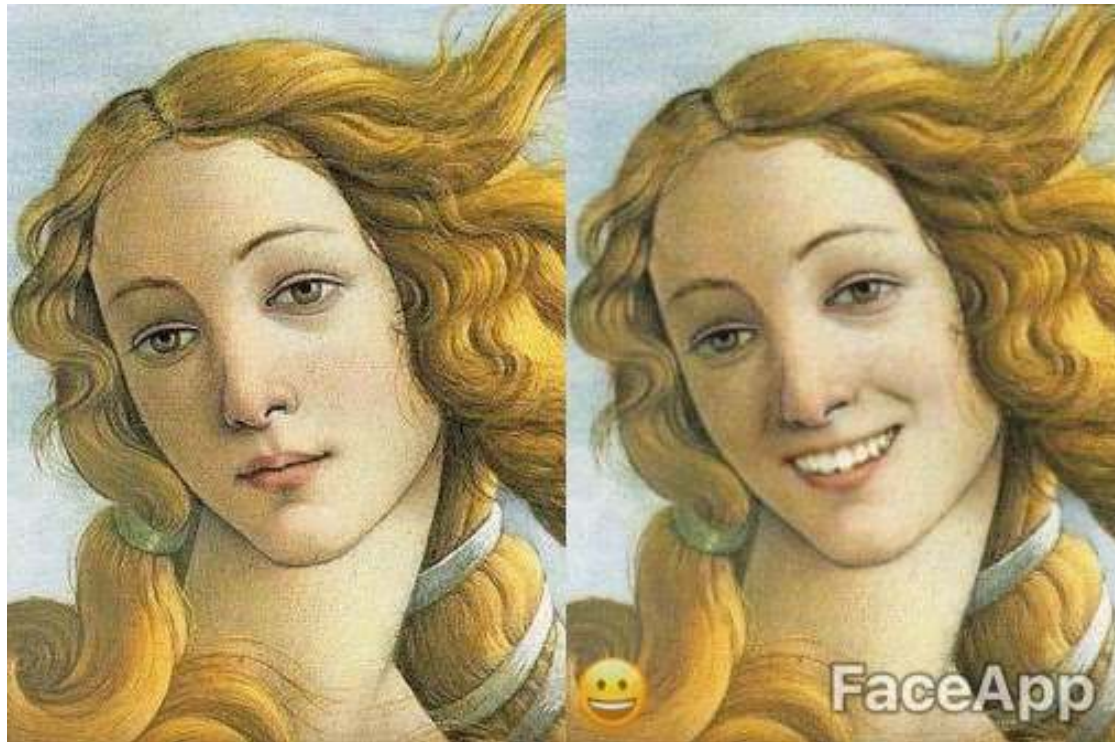
Lots to decorate the room .
The Christmas tree is filled
with flowers . I swear it s
Christmas Eve . I hope that
s what you say . The best
Christmas present in the
world is a blessing . I ve
always been there for the
rest of our lives . A
hundred and a half hour ago
 . I m glad to meet you . I
can hear the music coming
from the hall . A fairy tale
 . A Christmas tree . There
are lots and lots and lots
of flowers .

[HTTPS://WWW.FACEAPP.COM](https://www.faceapp.com)

CREEPY FACEAPP



SUCCESSFUL FACEAPP



Mug Life



[HTTPS://WWW.MUGLIFE.COM](https://www.muglife.com)

NVIDIA

MUGLIFE ANIMATIONS



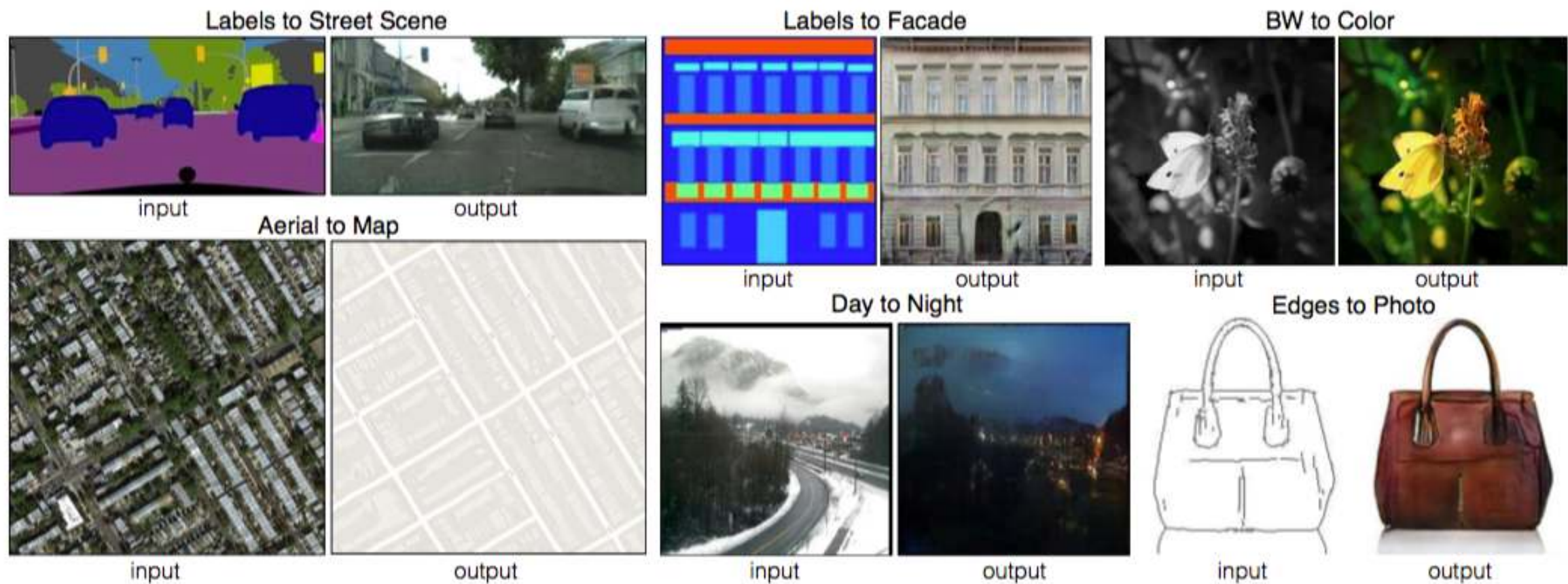
MUGLIFE AND ART



#FAIL



PIX2PIX – PRACTICAL APPLICATIONS

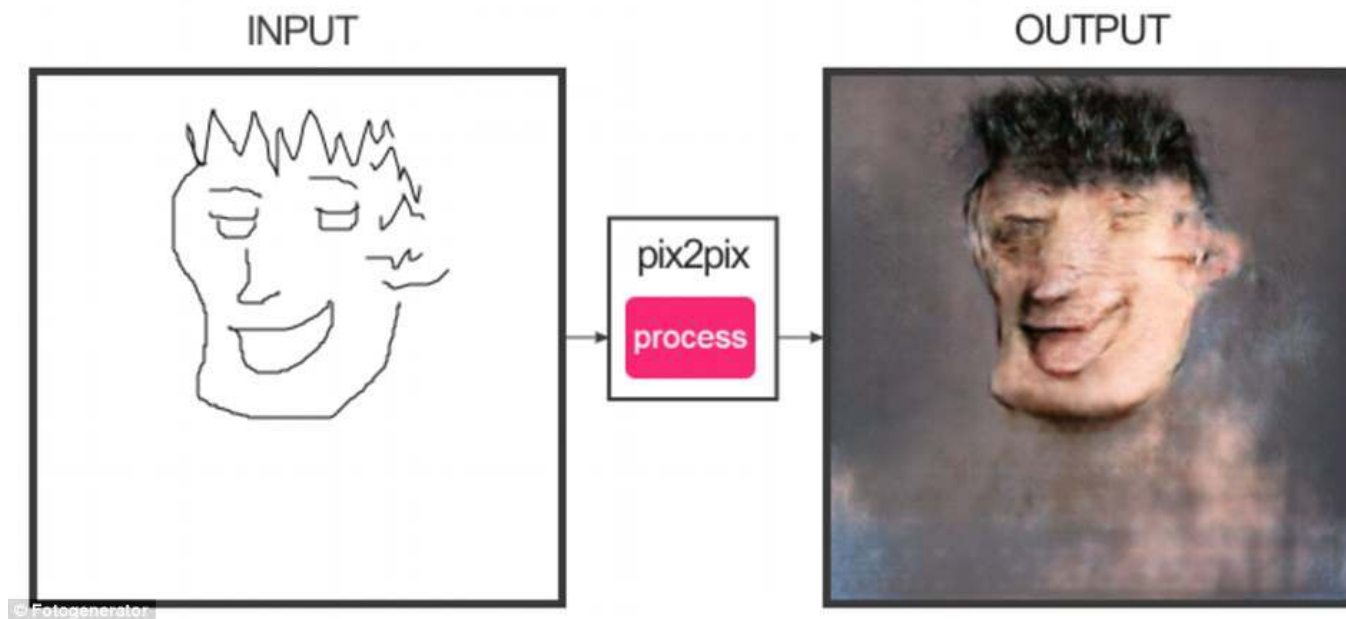




[HTTPS://TCWANG0509.GITHUB.IO/PIX2PIXHD/](https://tcwang0509.github.io/PIX2PIXHD/)

HIGH-RESOLUTION IMAGE SYNTHESIS AND SEMANTIC MANIPULATION WITH CONDITIONAL GANS

PIX2PIX – CREEPY APPLICATIONS

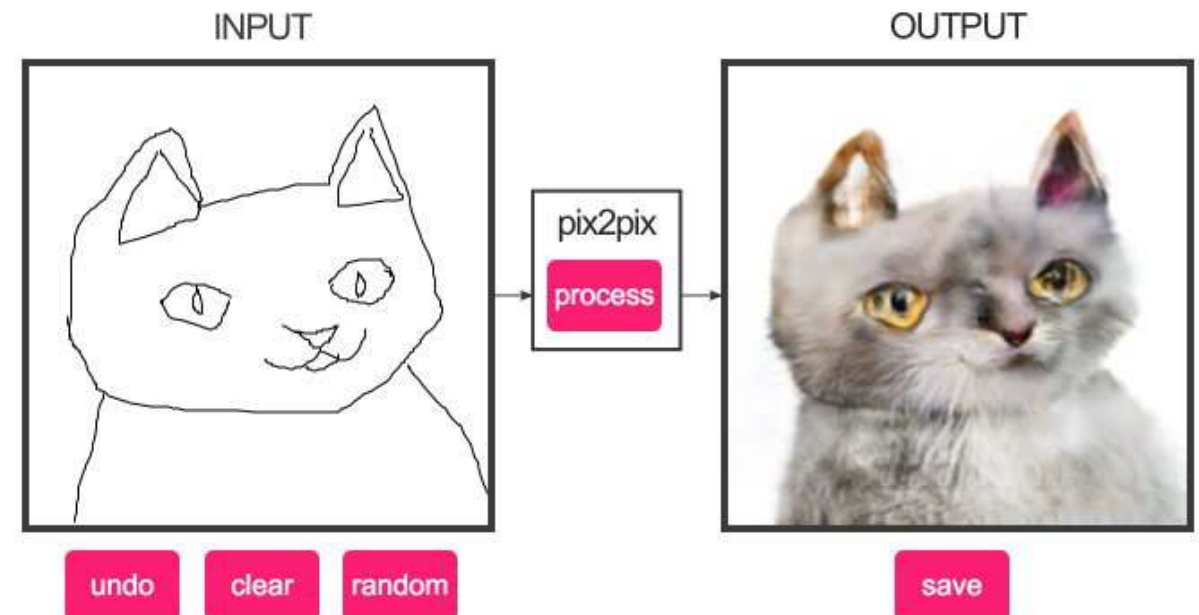


edges2cats

TOOL

line ☒

eraser ☐



PATRICK TRESSET — DELUSIONS



C.M KOSEMAN AND ROELOF PIETERS



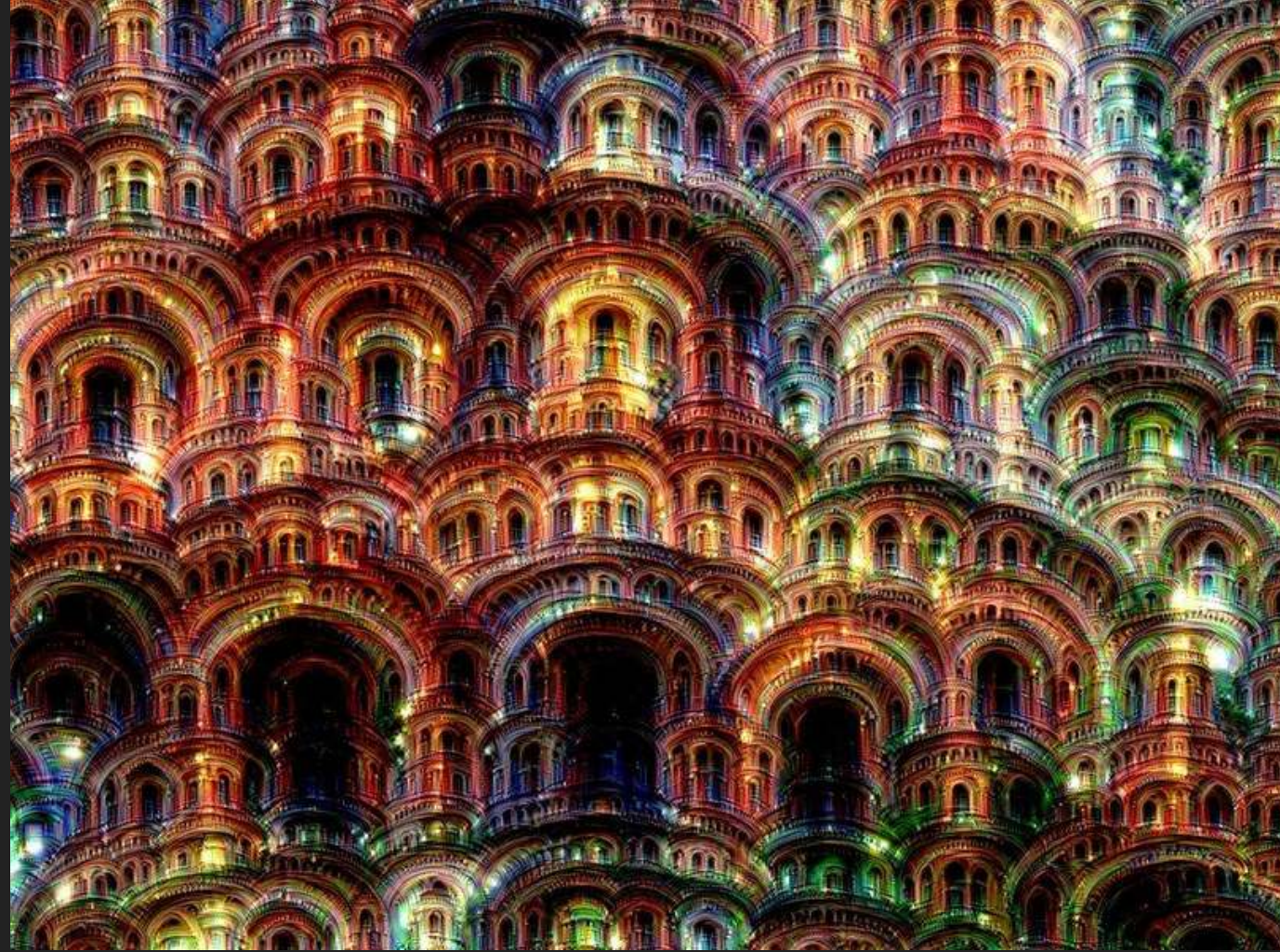
"What the Deep Dream algorithm did to my work reflects this transformation - the evolution of mystical imagery in the human subconscious. There are reptilian stares, celestial birds and strange beasts with a thousand feet, creeping in and out of every corner. It's like watching the birth of a new subconscious - a digital one."

INCEPTIONISM

MIKE TYKA

[HTTP://WWW.MIKETYKA.COM](http://www.miketyka.com)

@MTYKA





[HTTP://WWW.MIKETYKA.COM](http://www.miketyka.com) - @MTYKA

PORTRAITS OF IMAGINARY PEOPLE

CELEBA — NVIDIA



Response to Tyka's Works on The Verge:

<https://www.theverge.com/tldr/2017/6/23/15860872/ai-uncanny-valley-imaginary-people-eyes>

TECH \ ARTIFICIAL INTELLIGENCE \

TL;DR

Here's your dose of AI-generated uncanny valley for today

11

by James Vincent | @jjvincent | Jun 23, 2017, 8:11am EDT

Response to CelebA in Forbes:

<https://www.forbes.com/sites/davealtavilla/2017/10/30/nvidia-just-made-the-face-of-ai-a-little-more-uncanny-in-the-valley/#38aa8c5e45ef>

OCT 30, 2017 @ 04:21 PM 4,754

The Little Black Book of Billionaire Secrets

NVIDIA Just Made The Face Of AI A Little Less Uncanny In The Valley

FINAL FANTASY: THE SPIRITS WITHIN





MARIO KLINGEMANN

[HTTP://MARIO-KLINGEMANN.TUMBLR.COM](http://mario-klingemann.tumblr.com)

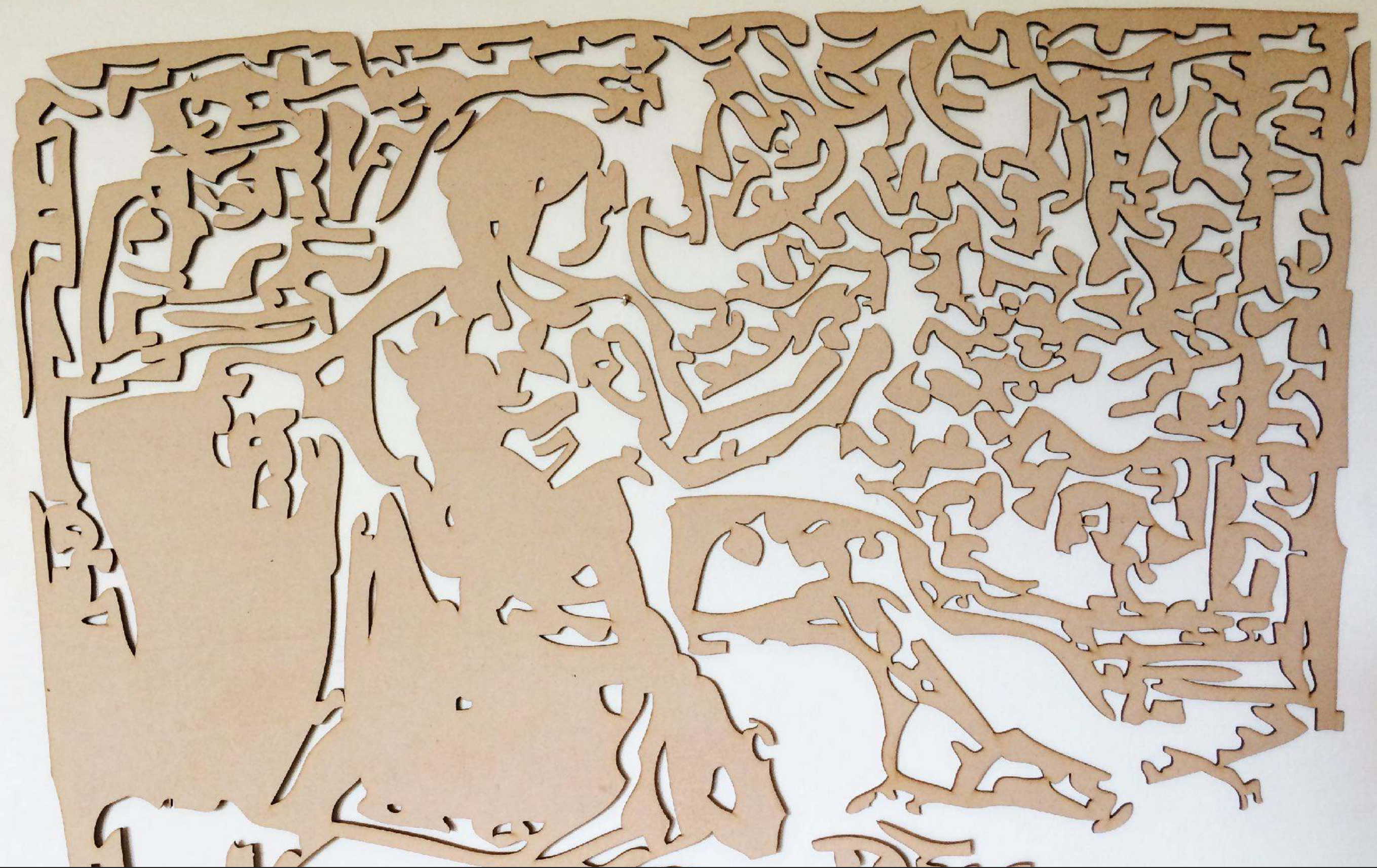
**GAN OIL PAINTINGS FROM
PHOTOS AND DRAWINGS**

@quasimondo

[HTTPS://WWW.NEXTREMBRANDT.COM/](https://www.nextrembrandt.com/)

THE NEXT REMBRANDT — J. WALTER THOMPSON AMSTERDAM





WWW.JENNIEROSENBAUM.COM/RECURSION

RECURSION





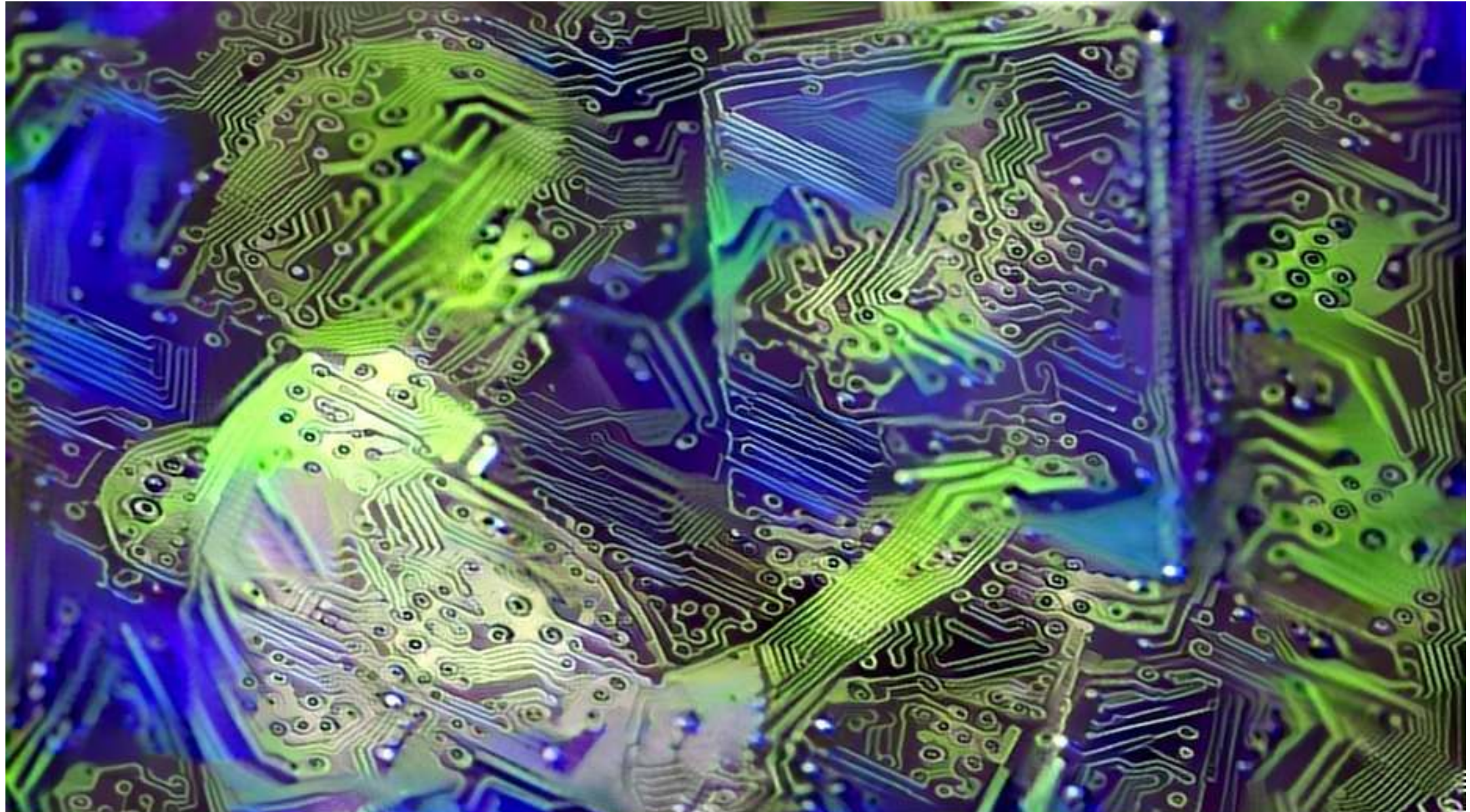


[FLICKR.COM/PHOTOS/TARELKI/](https://www.flickr.com/photos/tareлки/) @GLAGOLISTA

HELENA SARIN – CYCLEGAN INTERPRETATION OF A SKETCH

HAPPY LITTLE CHIPS

THE BOB ROSS IN THE MACHINE...



STARRING KENPACHI AND KANDINSKY

"CATDINSKY"

