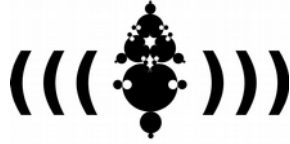




**REFERÈNCIES
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AI APLICATS A
LA CREACIÓ MUSICAL**



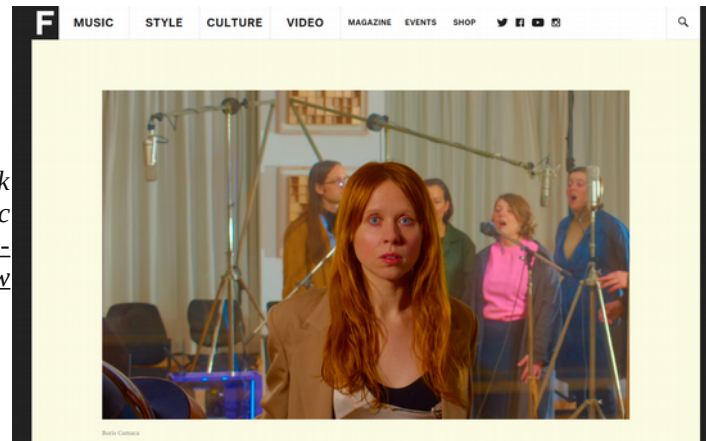


MUSIC SECTION

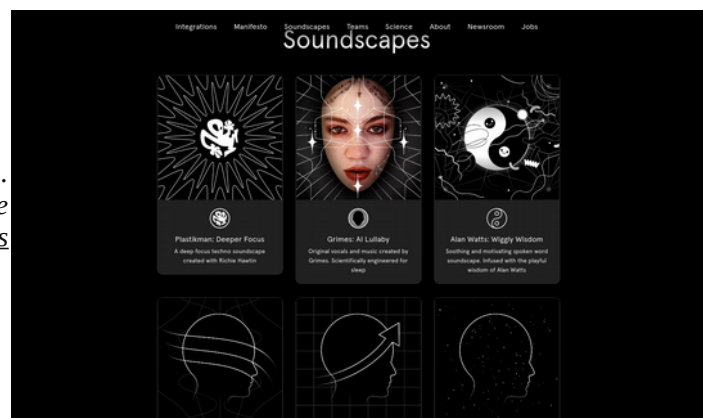
Hello World is the first album composed by an artist – SKYGGE – with artificial intelligence.
<https://www.helloworldalbum.net/>



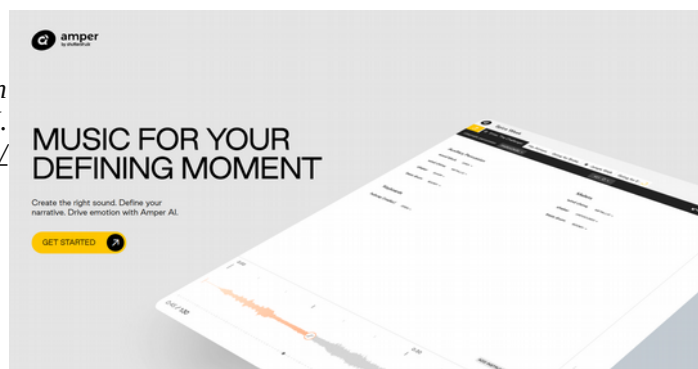
How Holly Herndon and her AI baby spawned a new kind of folk music
<https://www.thefader.com/2019/05/21/holly-herndon-proto-ai-spawn-interview>



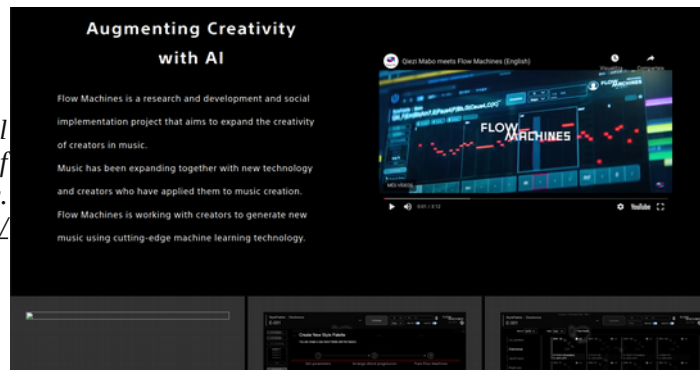
Personalized soundscapes to help you focus, relax, and sleep. Backed by neuroscience
<https://endel.io/soundscapes>



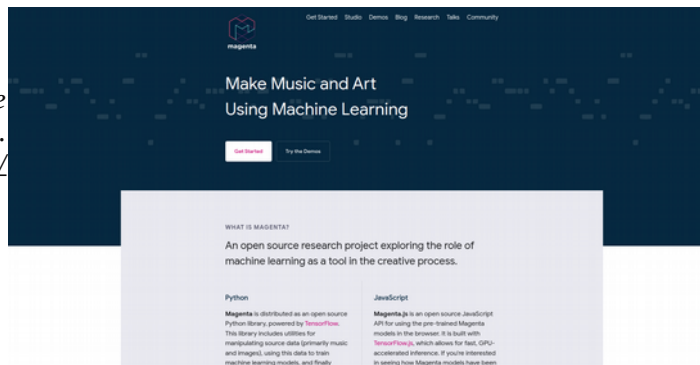
Create the right sound. Define your narrative. Drive emotion with Amper AI.
<https://www.ampermusic.com/>



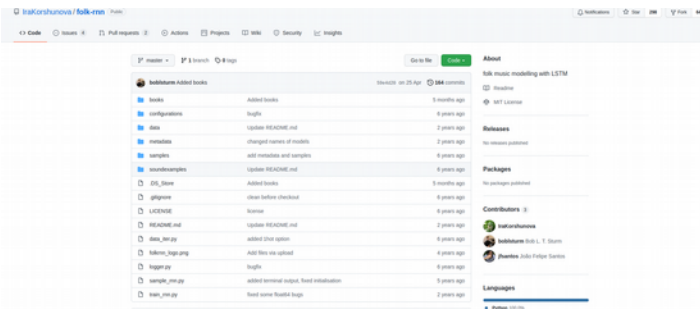
Flow Machines is a research and development and social implementation project that aims to expand the creativity of creators in music.
<https://www.flow-machines.com/>



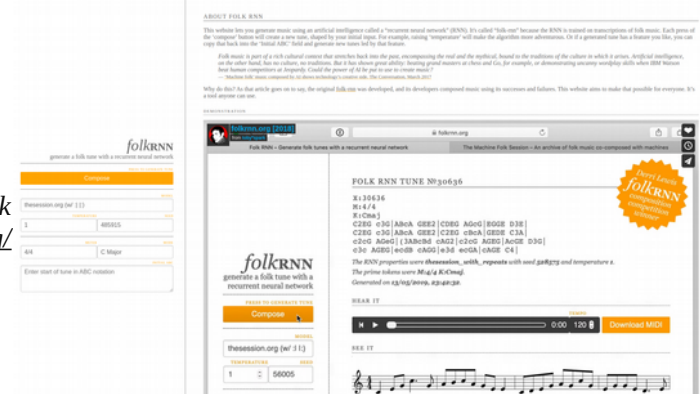
An open source research project exploring the role of machine learning as a tool in the creative process.
<https://magenta.tensorflow.org/>



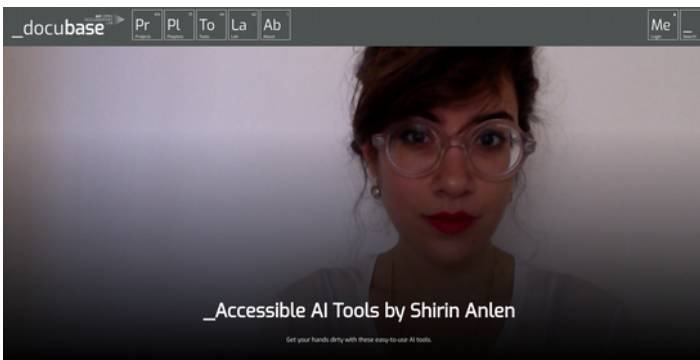
Folk music style modelling using LSTMs
<https://github.com/IraKorshunova/folk-rnn>



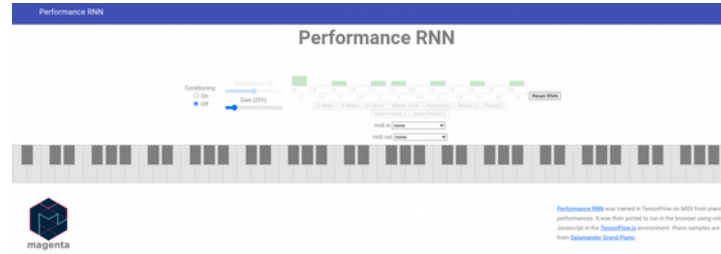
generate a folk tune with a recurrent neural network
<https://folkrrn.org/>



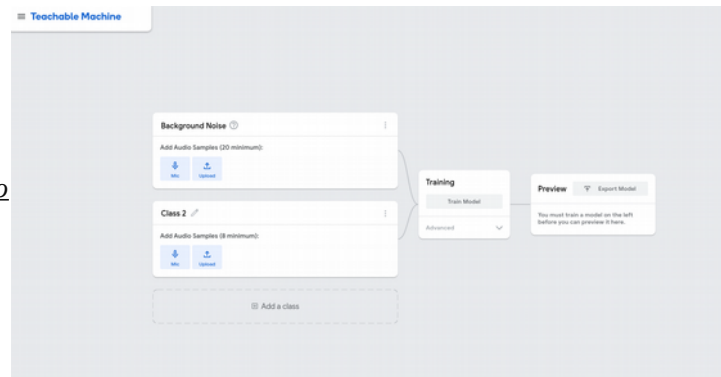
Accessible AI Tools by Shirin Anlen



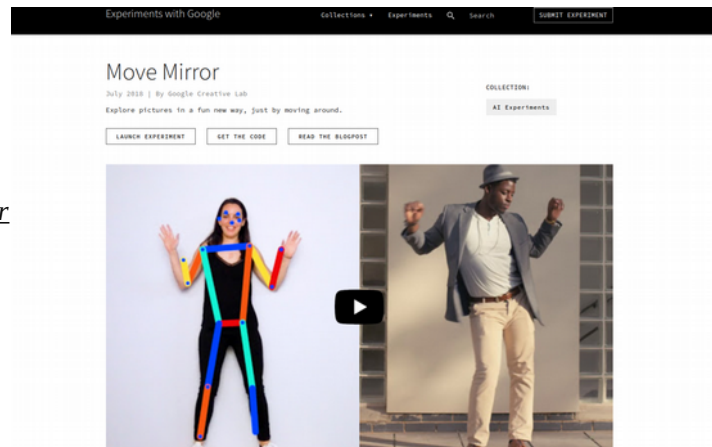
<https://docubase.mit.edu/lab/case-studies/accessible-ai-tools-by-shirin-anlen/>



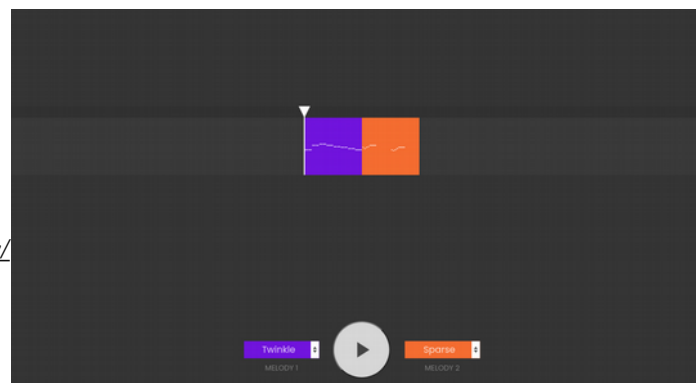
https://magenta.tensorflow.org/demos/performance_rnn/index.html#2%7C2,0,1,0,1,1,0,1,0,1,0,1,0,1%7C1,1,1,1,1,1,1,1,1,1,1%7C1,1,1,1,1,1,1,1,1,1,1,1%7Cfalse



<https://teachablemachine.withgoogle.com/train/audio>



<https://experiments.withgoogle.com/move-mirror>



<https://experiments.withgoogle.com/ai/melody-mixer/view/>

<https://mimicproject.com/>

about • explore • learn •

Make Music and Art
with Machine Intelligence

The mimic project offers a way to make new kinds of music, sound and creative arts experiences using machine learning, machine listening and artificial

Getting Started

MIMIC is a web platform for the artistic exploration of musical machine learning and machine listening. We have designed this collaborative platform as an interactive online coding environment, engineered to bring new technologies in AI and signal processing to artists, composers, musicians and performers all over the world.

<https://nsynthsuper.withgoogle.com/>

NSYNTH SUPER

MAKING MUSIC USING NEW SOUNDS
GENERATED WITH MACHINE LEARNING

WATCH THE FILM

magenta Get Started Studio Demos Blog Research Talks Community

<https://magenta.tensorflow.org/studio/standalone>

magenta Get Started Studio Demos Blog Research Talks Community

Magenta Studio (Standalone)

Download for macOS Download for Windows View on GitHub

This page is for the standalone version of Magenta Studio. If you're looking for the Ableton Live integration instead, click [here](#).

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- Groove
- Drumify

Overview

Magenta Studio is a MIDI plugin for Ableton Live. It contains 5 tools: [Continue](#), [Groove](#), [Generate](#), [Drumify](#), and [Interpolate](#), which let you apply Magenta models to your MIDI files.

magenta Get Started Studio Demos Blog Research Talks Community

<https://magenta.tensorflow.org/music-vae>

MusicVAE: Creating a palette for musical scores with machine learning.

Mar 15, 2018

Adam Roberts [@adarob](#) [@ada_rub](#)
Jesse Engel [@jesseengel](#) [@jesseengel](#)
Colin Raffel [@craftful](#) [@colinraffel](#)
Ian Simon [@iansimon](#) [@iansimon](#)
Curtis Hawthorne [@cghawthorne](#) [@fjord41](#)

When a painter creates a work of art, she first blends and explores color options on an artist's palette before applying them to the canvas. This process is a creative act in its own right and has a profound effect on the final work.

Musicians and composers have mostly lacked a similar device for exploring and mixing musical ideas, but we are hoping to change that. Below we introduce **MusicVAE**, a machine learning model that lets us create palettes for blending and exploring musical scores.

As an example, listen to this gradual blending of 2 different melodies, A and B. We'll explain how this morph was achieved throughout the post.

MusicVAE: Melody 2-bar "Loop" Int... Visualiza... Comparex

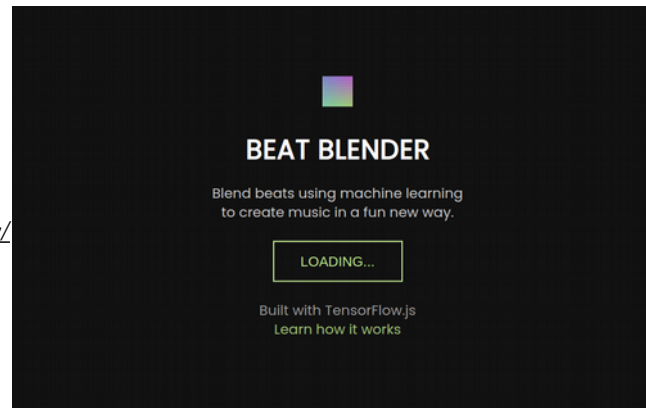
<https://www.youtube.com/watch?v=QM6LbbcCghc>



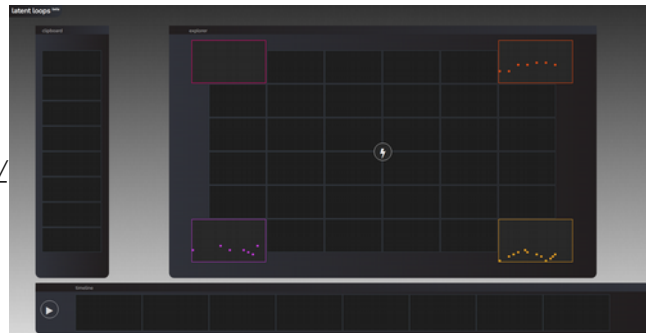
<https://www.youtube.com/watch?v=ILV0259QGxk>



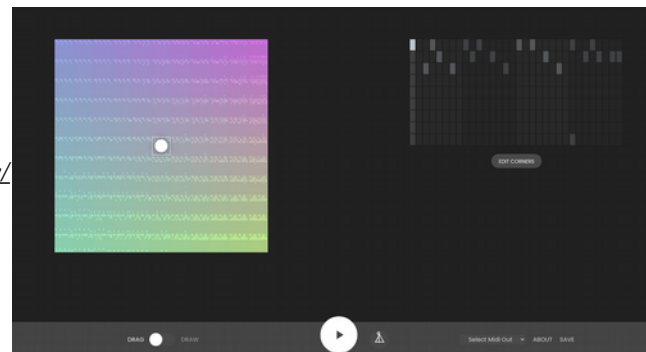
<https://experiments.withgoogle.com/ai/beat-blender/view/>



<https://teampieshop.github.io/latent-loops/>



<https://experiments.withgoogle.com/ai/melody-mixer/view/>



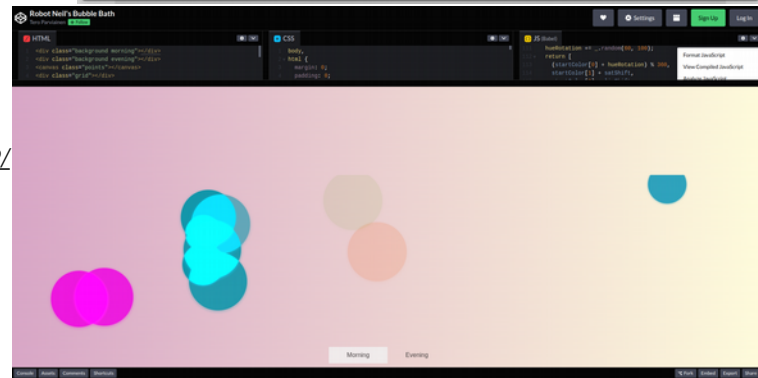
<http://vibertthio.com/runn/>



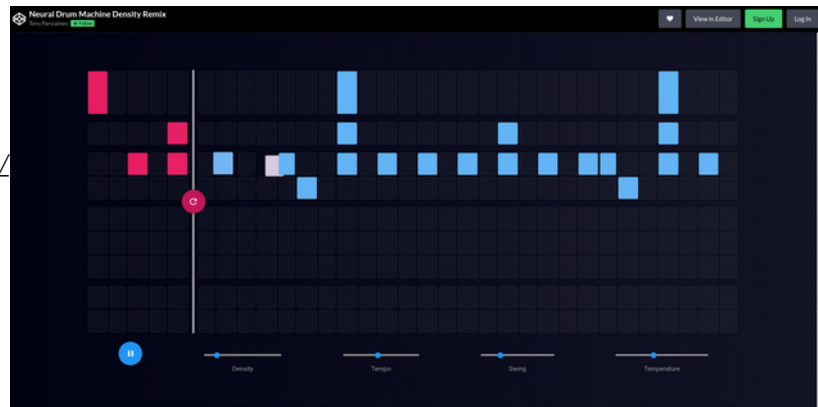
<https://ganharp.ctcpt.co/>



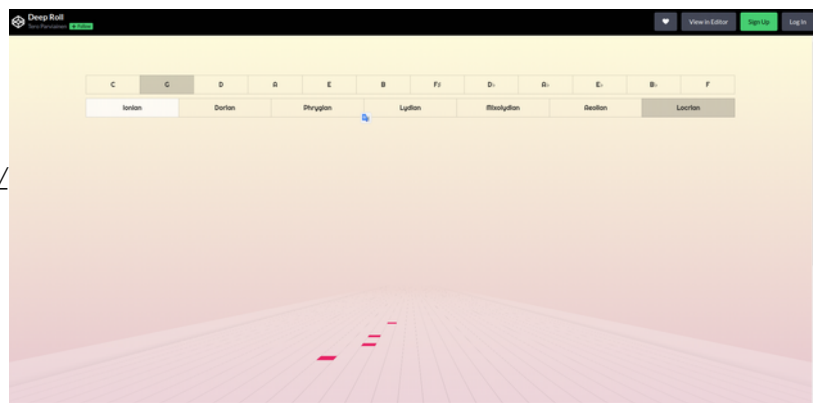
<https://codepen.io/teropa/full/gzjgEP/>



<https://codepen.io/teropa/full/RMGxOQ/>



<https://codepen.io/teropa/full/zpbLOj/>





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L'ART I LA CREACIÓ**





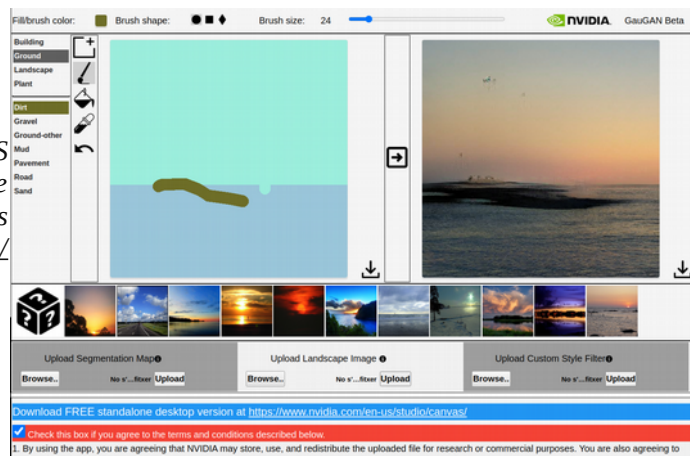
ART & CREATIVITY SECTION



(Relevant) Resources & Linkography
order in this list is not relevant, it's just a research container

NVIDIA CANVAS
Use AI to turn simple brushstrokes into realistic landscape images

<http://nvidia-research-mingyuliu.com/gaugan/>



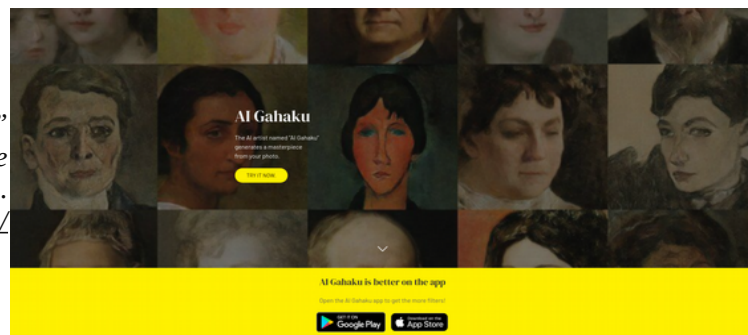
Empatizando Con La Psique De Las IAS
<https://bikolabs.biko2.com/empatizandoconias/>



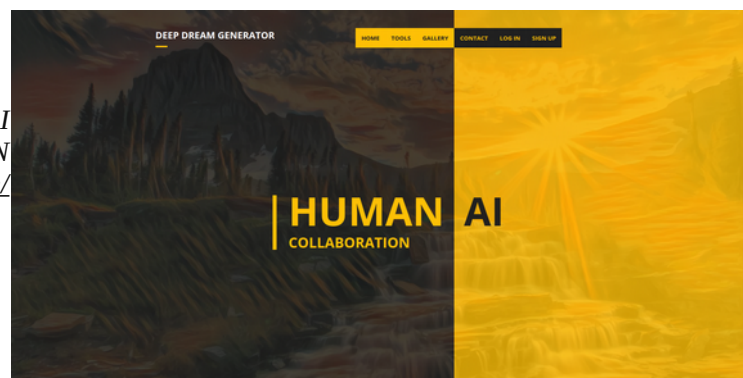
Reconozcámoslo.

Hemos sido crueles con las IAs de reconocimiento de imágenes.

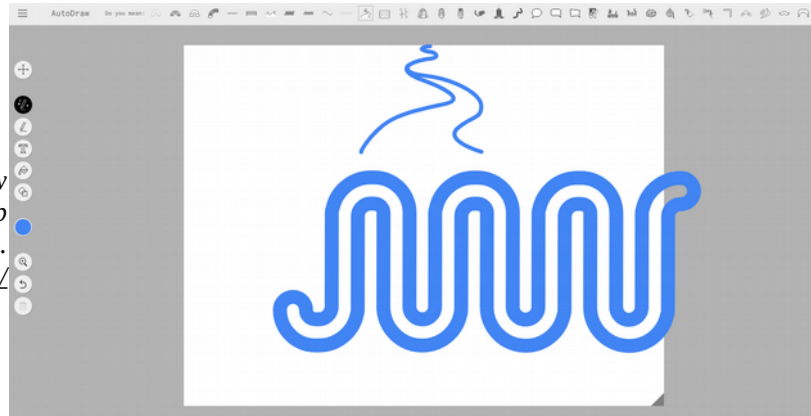
The AI artist named "AI Gahaku"
generates a masterpiece
from your photo.
<https://ai-art.tokyo/en/>



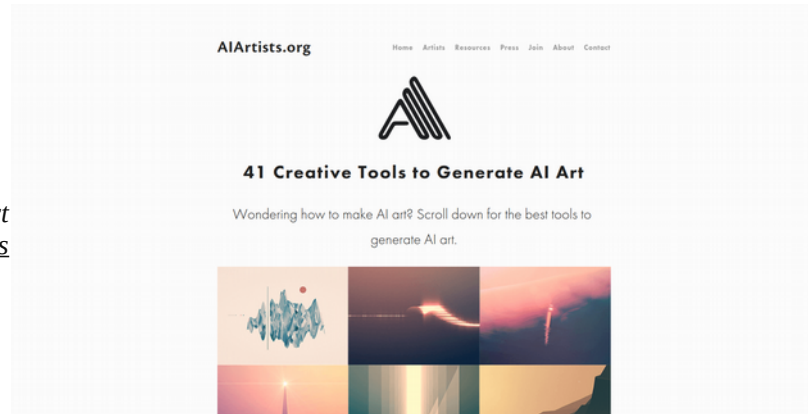
HUMAN AI
COLLABORATION
<https://deepdreamgenerator.com/>



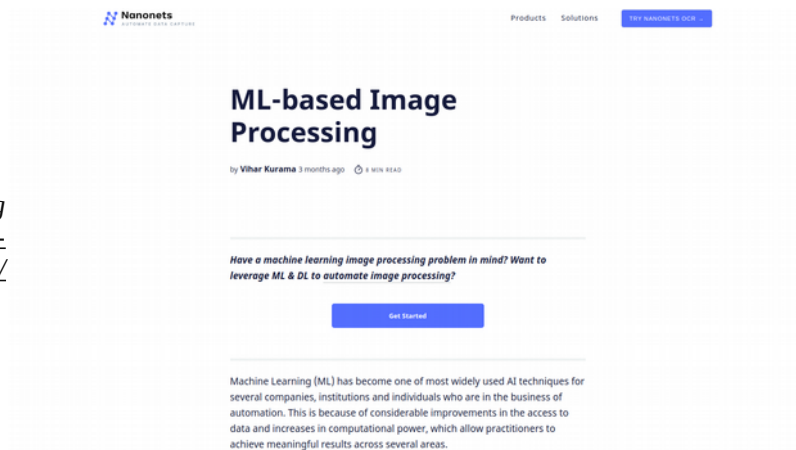
AutoDraw
By Google Creative Lab
Fast drawing for everyone.
<https://www.autodraw.com/>



41 Creative Tools to Generate AI Art
<https://aiartists.org/ai-generated-art-tools>



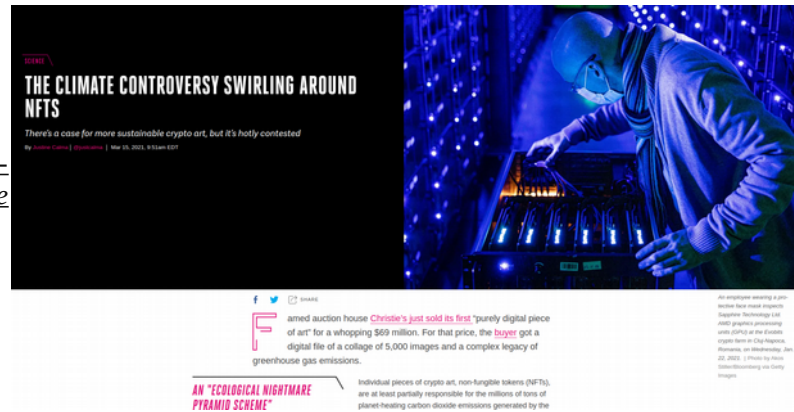
ML-based Image Processing
<https://nanonets.com/blog/machine-learning-image-processing/>



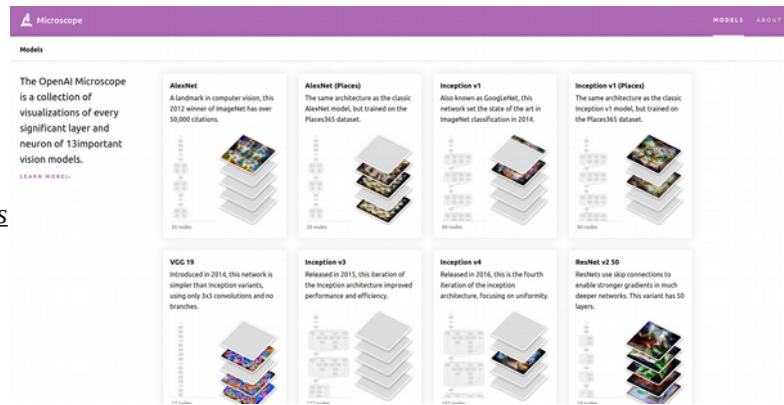
WebGazer.js
Democratizing Webcam Eye Tracking on the Browser
<https://webgazer.cs.brown.edu/>



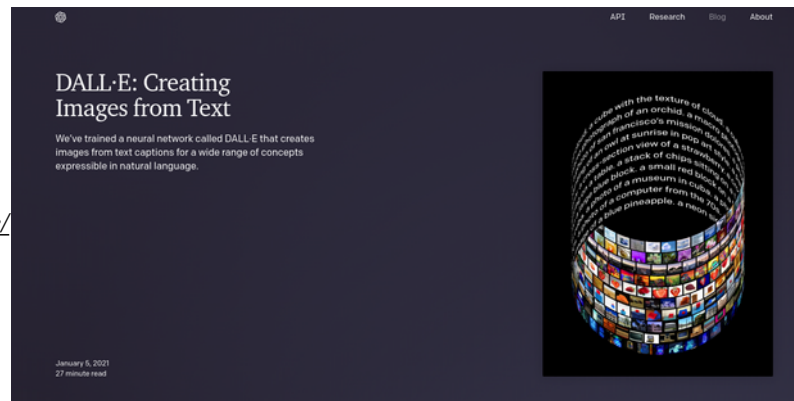
<https://www.theverge.com/2021/3/15/22328203/nft-cryptoart-ethereum-blockchain-climate-change>



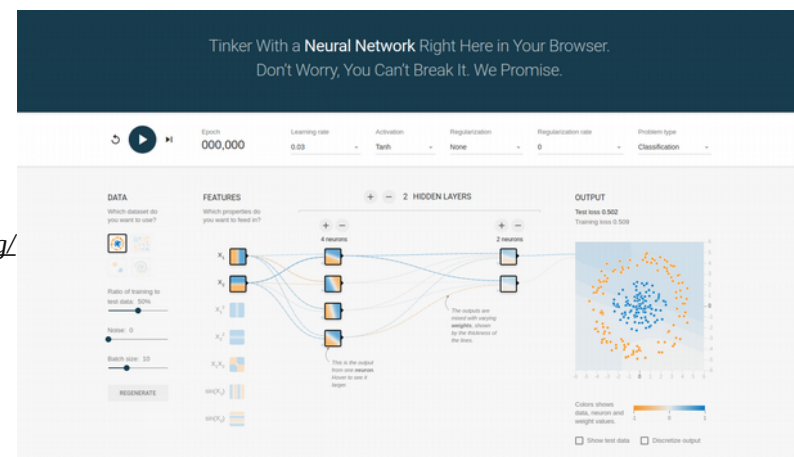
<https://microscope.openai.com/models>



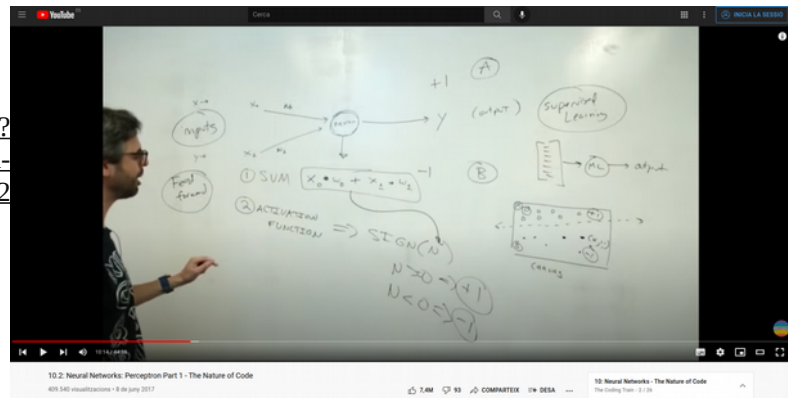
<https://openai.com/blog/dall-e/>



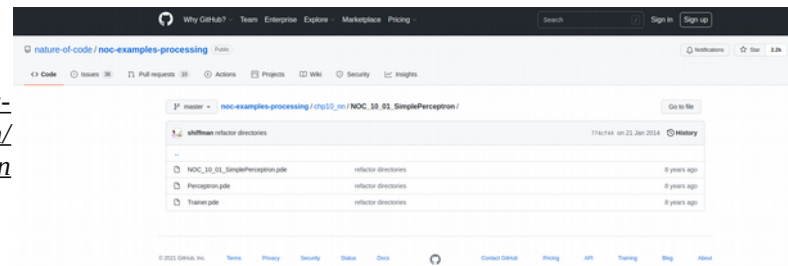
<https://playground.tensorflow.org/>



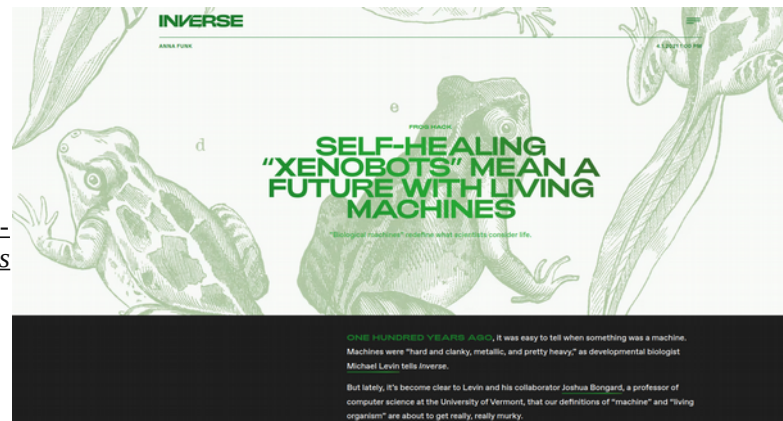
<https://www.youtube.com/watch?v=u5GAVdLQyIg&list=PLRqwX-V7Uu6aCibgK1PTWWu9by6XFdCfh&index=2>



https://github.com/nature-of-code/noc-examples-processing/tree/master/chp10_nn/NOC_10_01_SimplePerceptron



<https://www.inverse.com/innovation/xenobots-are-living-machines>



https://youtu.be/jntk_I1WXHA?t=1352
Bioelectrical patterns in lifeforms

