



QUESTION

## IS AI THE DEATH OF ART ?

Art refers to the fusion and balance of human factors such as skill, will, imagination, and experience to create objects, environments, images, movements, or sounds that are implicitly aesthetic in expression, and also refers to the process of sharing with others feelings of beauty or deep emotions and consciousness that human beings use to express existing perceptions and to precipitate and reveal individual or group experiences.

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**2014**

### Generative Adversarial Networks GANs are developed

Researcher Ian Goodfellow coined the term in a 2014 essay theorizing that GANs could be the next step in the evolution of neural networks because, rather than working on pre-existing images like Google DeepDream, they could be used to produce completely new images.

**2017**

### The Birth of GANism

After Goodfellow's essay about GANs was published in 2014, tech companies open-sourced their raw and untrained GANs, including Google (TensorFlow), Meta (Torch), and the Dutch NPO radio broadcaster (pix2pix). While there were a few early adopters, it took until around 2017 for artists to really begin to experiment with the technology.

**2018**

### Auction Milestone

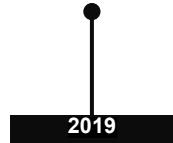
Probably the most famous example of a GAN-made artwork in the contemporary art world is a portrait made by the French collective Obvious, which sold at Christie's in 2018 for a whopping \$432,000. The trio of artists trained the algorithm on 15,000 portraits from the 14th to 20th century, and then asked it generate its own portrait, which in a stroke of marketing genius, they attributed to the model.

# HISTORY OF THE AI GENERATOR

How Did A.I. Art Evolve?  
Here's a 5,000-Year Timeline  
of Artists Employing Artificial  
Intelligence, From the Ancient  
Inca to Modern-Day GANs

<https://news.artnet.com/art-world/artificial-intelligence-art-history-2045520>





2019

## ImageNet Roulette Goes Viral

While there are many artists working on these questions, a standout moment came when artist Trevor Paglen and researcher Kate Crawford's ImageNet Roulette project went viral.

Their project aimed to expose the systemic biases that humans have passed onto machines by looking at the specific case of the ImageNet database, a free repository of some 14 million images that were manually labelled by tens of thousands of people as part of a Stanford University project to "map out the entire world of objects." The database is widely used by researchers to train A.I. systems to better understand the world, but because the images were labelled by humans, many of the labels are subjective, and reflect the biases and politics of the individuals who created them.



2020s

## A Generation of Activist A.I. Art

Other artists working in this vein include some of those early pioneers of A.I. art such as Lynn Hershman Leeson, whose interactive installation Shadow Stalker (2018–21) uses algorithms, performance, and projections to draw attention to the inherent biases in private systems like predictive policing, which are increasingly used by law enforcement.

### Note.

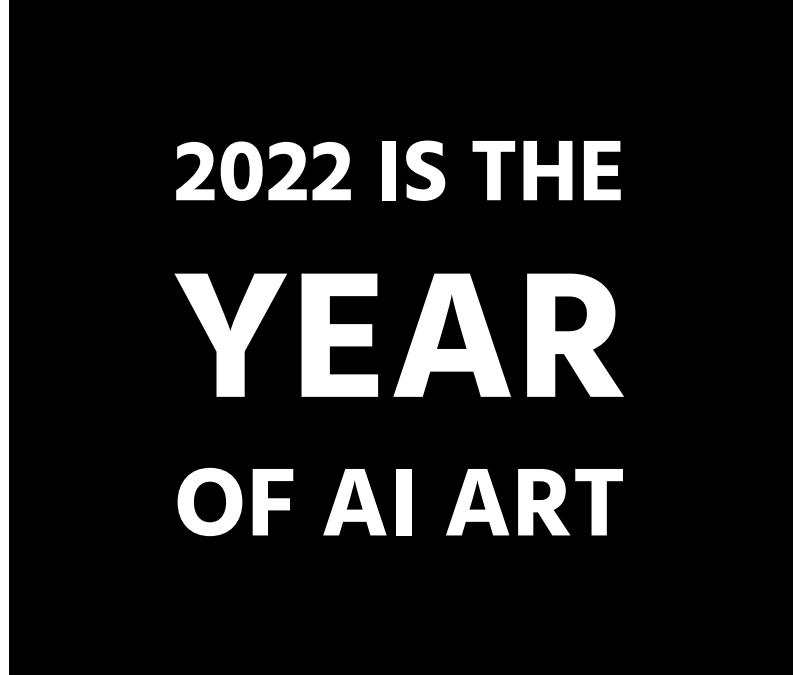
Please find more information on  
[news.artnet.com](http://news.artnet.com)

**How Did A.I. Art Evolve? Here's a  
5,000-Year Timeline of Artists  
Employing Artificial Intelligence,  
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February	Disco Diffusion is launched	
April	MidJourney is online DALL-E 2 internal test	
May	Google launches Imagen and Parti	<p><a href="https://imagen.research.google/">https://imagen.research.google/</a> <a href="https://parti.research.google/">https://parti.research.google/</a></p>
July	Stable Diffusion beta testing	 
October	AI art is everywhere!	



# LIST OF AI GENERATOR

AI



Disco Diffusion



Midjourney



DALL-E 2 - OpenAI



imagen



tiamat



Parti



Make-A-Scene



NUWA



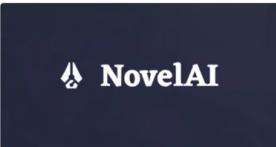
Stable Diffusion



wombo dream



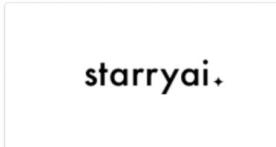
artbreeder



NovelAI



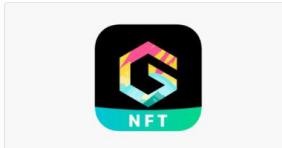
NightCafe



starryai.



Simplified



Fotor GoArt



Photosonic



Canva



Hotpot



NVIDIA CANVAS

+ New



# GPT-3

## HOW DOES IT WORK?

To create AI art, artists write algorithms not to follow a set of rules, but to “learn” a specific aesthetic by analyzing thousands of images. The algorithm then tries to generate new images in adherence to the aesthetics it has learned.



koala bears

motorcycles

**CLIP: (CONTRASTIVE LANGUAGE-IMAGE PRE-TRAINING)**

# DALL·E



January 2021



An armchair in the shape of an avocado

IMPROVEMENT

# AI WON AGAIN

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STUDENT OPINION

## *Are A.I.-Generated Pictures Art?*

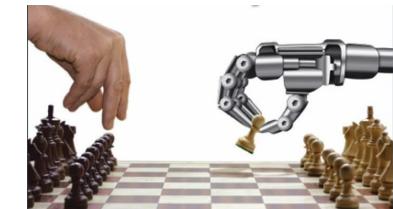
A man won an art competition with an image he created using an artificial intelligence program. Was it “cheating”?



Jason Allen's A.I.-generated work, "Théâtre D'opéra Spatial," took first place in the digital category at the Colorado State Fair. via Jason Allen

### AlphaGo

[https://en.wikipedia.org/wiki/AlphaGo\\_versus\\_Lee\\_Sedol](https://en.wikipedia.org/wiki/AlphaGo_versus_Lee_Sedol)





**IMAGINE A PLACE  
WHERE HUMANS  
AND BOTS LIVE  
IN HARMONY.**

@KELLOGG #0000



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 Discord

**IMAGINE  
A PLACE**

Midjourney

# daily-theme | The daily theme is now --seed 1026

5

Search

TEAM — 10

Cixelyn

danielrussruss

DavidH

Dominique

jack

Max (Somnai)

Nadir (Cat-leaning)

Red 🦀 | CEO of bugs 🐛

Seb

twn

MIDJOURNEY BOT — 1

Midjourney Bot

CHARON THE ALL KNOWING ON...

Charon the FAQ Bot

THEMED IMAGE GEN

# daily-theme

# abstract

# environments

# characters

# image-prompts

# multi-prompts

# xwave-ypunk-zcore

# patterns-textures

# group-jams

THREAD CHANNELS

# misc-threads

# jam-threads

GENERAL IMAGE GEN

# general-1

# general-3

# general-4

# general-5

Farfalla #4527

/imagine prompt

You're viewing older messages

Jump To Present

Mark As Read

1 new message since 5:34 AM on September 5, 2022

@BOT @Midjourney Bot the echo of forgotten love, artwork by Ellen Jewett --ar 16:9 - @el... 09/05/2022

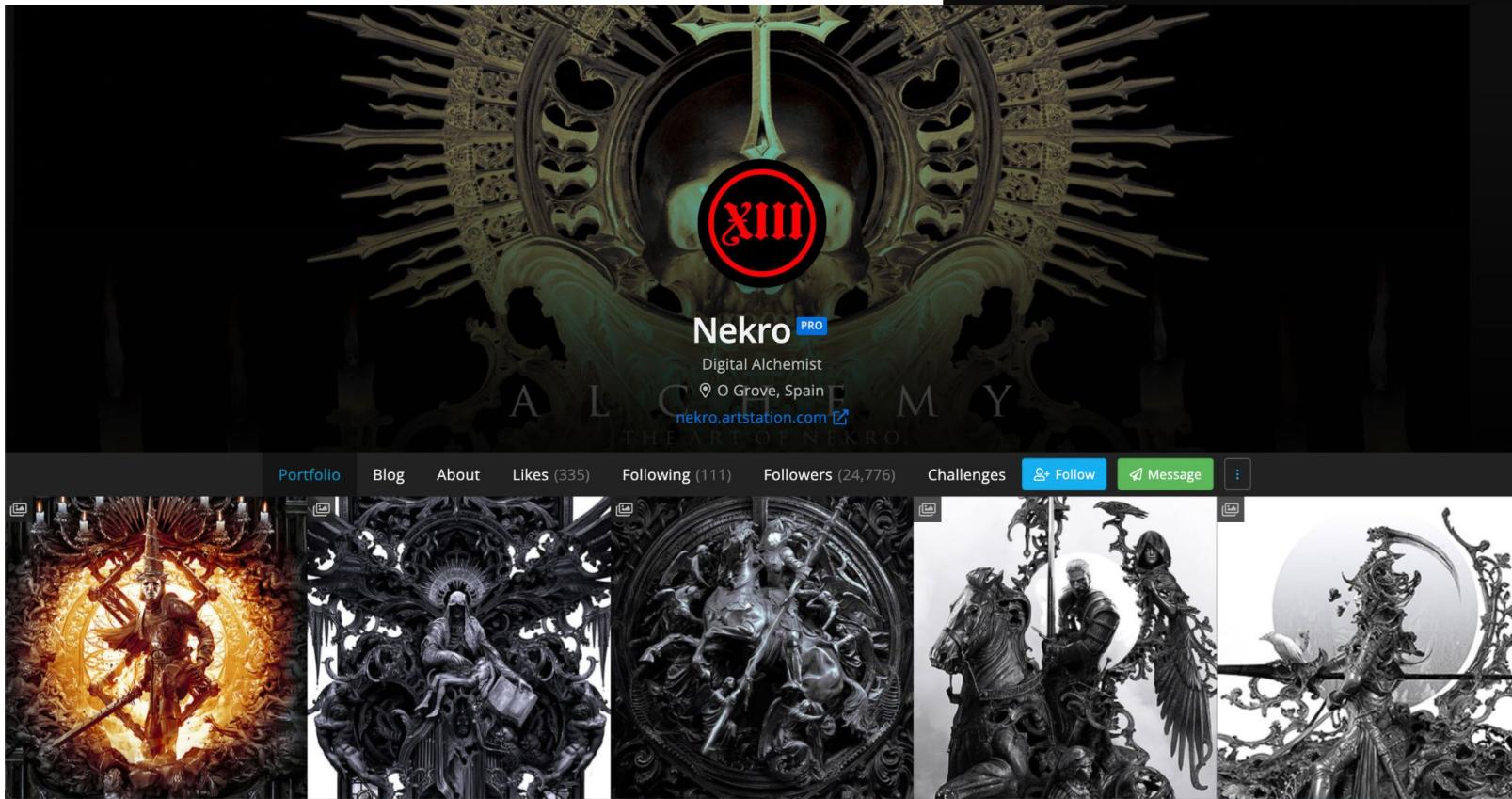
the echo of forgotten love, artwork by Ellen Jewett --ar 16:9 - @yanyan (fast)

U1 U2 U3 U4

V1 V2 V3 V4

tupinipunk echo nomad --testp - @ga (relaxed)

Jump To Present



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<https://www.artstation.com/nekro>

## NEKRO'S STYLE

Nekro used midjourney to create images based on his own style and these three on the right are what AI did.



# COPYRIGHT PROBLEM

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Top    Latest    People    Photos    Videos

## People

 霜天 🌈  
@shuangbatian

Follow

LOL! MERLIN! ! 中文母语, 别的都不会, 有微博: @霜霸咤 English is translated by machine.Temporarily not accepting new commissions! Please do not use my work to train the AI! ! ! ! ! !

[View all](#)

 Karla Ortiz @kortizart · Jul 31

1/ Hello @midjourney how goes?

Quick question, is there a way one can specifically ask for their name **to** be in a “**do not** EVER allow **to** be used in a prompt” list? Seeing folks on your discord **not only use my name**, but trying **to figure out how to train your ai to mimic my work-**

63    519    2,164    

[Show this thread](#)

 Aya/Slurpy ⚡️ @slurpn00dles · Oct 13

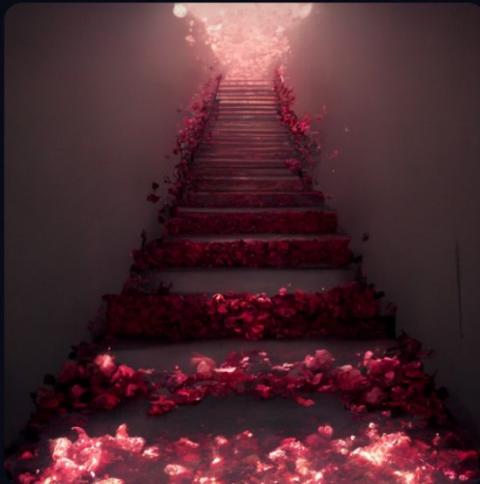
prob goes without saying but i **do not** permit people **to train AI or use my work** for any **AI** purposes! I'll have that in **my** future commission policies.

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ARTISTS ARE  
NOT HAPPY  
ABOUT OTHER  
PEOPLE USED  
THEIR WORK  
TO TRAIN AI



HELP



<https://www.midijourney.com/app?search=farfalla>

# AI IS GOOD AT COPYING

By creating multiple versions of a signal image. AI is capable of producing something very similar and yet different. Each time the images are randomized. There will be different results, even if two users write down the same prompt.



Farfalla



stunning otherworldly goddess of fox rising from the void, dark and mysterious, stopped in time, atmospheric, ominous, eerie, cinematic, Epic, 8k, 4k, ultra detail, ultra realistic, rendered by awesomeness



a mansion, Marietta, Georgia, French colonial, estate, cherry blossom trees, 4k, giant house, columns

Generate

DALL-E 2



# DIFFERENT AI RESULT

PROMPT

3D render of a colorful brain with smoke

DALL·E 2



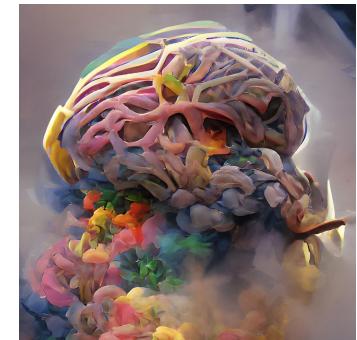
Midjourney



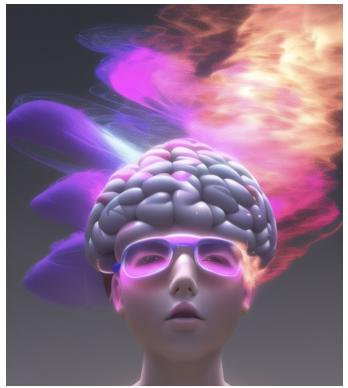
Stable Diffusion



WOMBO Dream



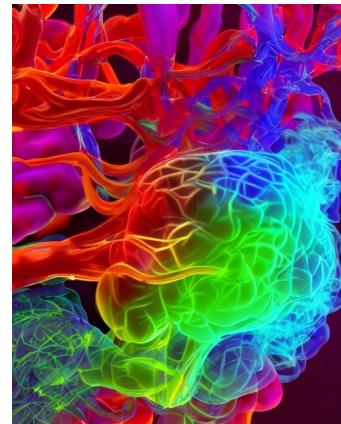
NovelAI



NightCafe



starryai



Simplified



Photosonic



Hotpot



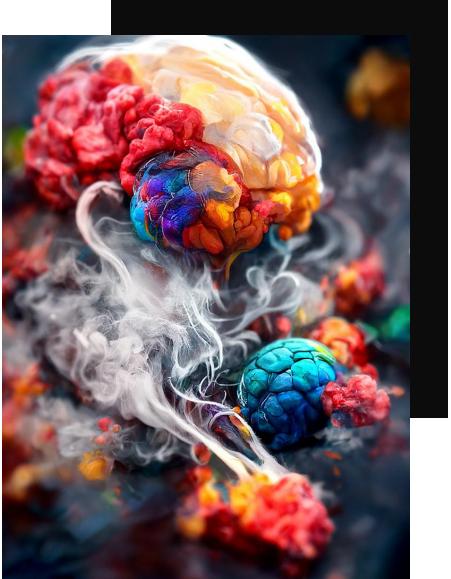
Canva



Disco Diffusion



<https://tiamat.world/>



We strongly recommend enabling desktop notifications so you don't miss out on any updates from 飞书. [Enable desktop notifications](#).

Tiamat-绘图助手 (BETA) [Card]

3D render of a colorful brain with smoke

已发!

时间: 2022-10-28  
画面比例: 3: 4  
16:45:52

言灵魔法练习生: 生成数量:  
1

配方表:  
- 3D render of a colorful brain with smoke  
(默认权重: 1.00)

查看状态 停止

创建者: Tiamat-AI绘图小助手 0def0385  
内部测试系统 v1.1 Jun build】

Reply to Tiamat-绘图助手 (BETA) : [Card]

已发成功: 剩余魔力值45

Reply to Tiamat-绘图助手 (BETA) : [Card]

已送财神 Tiamat好喜欢这句话: 魔法师大人真是大棒啦

Reply to Tiamat-绘图助手 (BETA) : [Card]

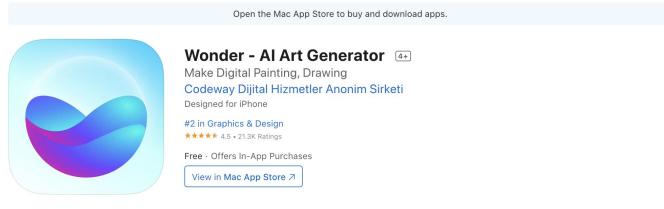
Message Tiamat-绘图助手 (BETA)



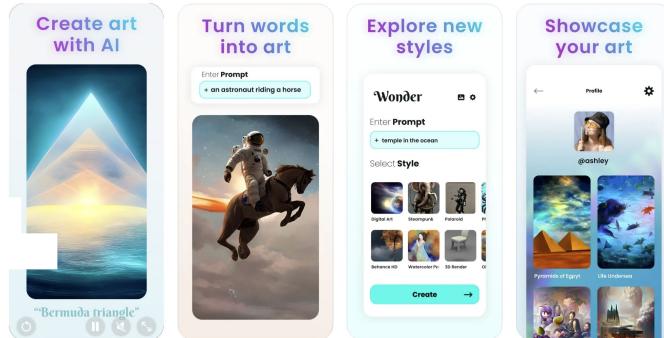
# AI ART GENERATOR APPS

## Wonder - AI Art Generator

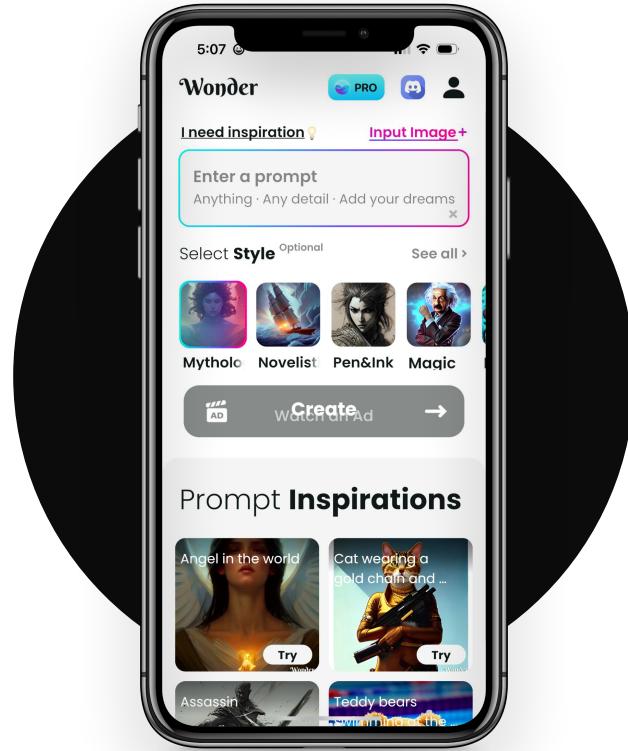
App Store Preview



iPhone Screenshots



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Dream by WOMBO - AI Art Tool

Turn your text into art  
WOMBO Labs, Inc.  
Designed for iPad

4.7+ 1M+ Ratings

Free • Offers In-App Purchases

[View in Mac App Store](#)



Dream Art: AI Generator NFT

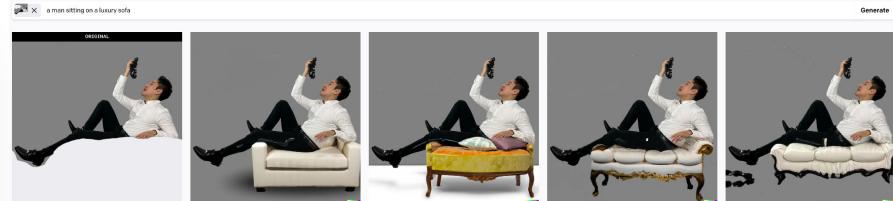
Smart Art & Pics AI Creator  
SMART WIDGET LABS COMPANY LIMITED

4.4+ 1M+ Ratings

Free • Offers In-App Purchases



# MY WORK



# **COME ON HUMAN!**

## **MAKE MORE ART FOR AI TO TRAIN**

- “We are still safe because clients need to know exactly what they want.”



**THANKS**

2022.10.28 - Farfalla Hu