Twitter Thread by Daniel Eckler ✥



Daniel Eckler ✥
@daniel_eckler

ANOTHER AI MEGA THREAD ■

From Robotics…
https://t.co/ImsMthZN5O

> Tesla CEO Elon Musk revealed a working prototype of humanoid robot at Tesla AI day 2022https://t.co/bzseqL50Le pic.twitter.com/D6lfwFQrkz
>
> — The Verge (@verge) October 1, 2022

to Virtual Reality…
https://t.co/vQc9ZbtaWw

> Stable Diffusion VR
> Real-time immersive latent space. \U0001f525
> Small clips are sent from the engine to be diffused. Once ready, they're queued back into the projection.
> Tools used:https://t.co/UrbdGfvdRd https://t.co/DnWVFZdppT#aiart #vr #stablediffusionart #touchdesigner #deforum pic.twitter.com/x3QwQDkapT
>
> — ScottieFox (@ScottieFoxTTV) October 11, 2022

to Augmented Reality…
https://t.co/5jPAykB1p1

> Everything is changing.
> Playing with combinations of #AI and #AR again. This time I am using the Target tracker in SparkAR, Stable Diffusion for generating images and Frame Interpolation ML for making animation. pic.twitter.com/XwaMM4V11T
>
> — Sergei Galkin (@sergeyglkn) October 12, 2022

to Reality Augmented Reality.
https://t.co/1uHWR537NI

1/6
How I transferred a physical toy to the digital world in one hour with AI

-> LumaAI (3D scan)
-> Cinema4D (editing)
-> Mixamo (rigging and animation)
-> MetaSparkStudio (AR) pic.twitter.com/zChf6FRaqE

— Sergei Galkin (@sergeyglkn) November 1, 2022

Text→ 3d…
https://t.co/SPuyzYGVyu

Happy to announce DreamFusion, our new method for Text-to-3D!https://t.co/4xI2VHcoQW

We optimize a NeRF from scratch using a pretrained text-to-image diffusion model. No 3D data needed!

Joint work w/ the incredible team of @BenMildenhall @ajayj_ @jon_barron#dreamfusion pic.twitter.com/YeG0zaFxuu

— Ben Poole (@poolio) September 29, 2022

Text → Motion…
https://t.co/dqFqW7Otln

A group of researchers presented Motion Diffusion Model (MDM), a new diffusion-based generative model capable of generating human motions from text prompts.

Details: https://t.co/iyqjh7nIJh#AI #ArtificialIntelligence #research #animation pic.twitter.com/09cz9N8cdu

— 80 LEVEL (@80Level) October 4, 2022

Text → Music…
https://t.co/Dml2VRxLzy

Mubert-Text-to-Music \U0001f3b5\U0001f3b5\U0001f3b5

Colab notebooks demonstrating prompt-based music generation via Mubert API

GitHub: https://t.co/ExdfvXUCrR pic.twitter.com/2Ycwl7RUvX

— AK (@_akhaliq) October 19, 2022

Text → App…
https://t.co/rOKal7k22d

> text \u2192 app \U0001f4ab
>
> Write plain English and it gets turned into an app, that sends inputs to OpenAI API.
>
> an app, built by AI, that uses AI to power the app\U0001f92f pic.twitter.com/2ugZmtgDMa
>
> — Ben Tossell (@bentossell) October 5, 2022

Text → You.
https://t.co/HxqHFrdoDb

> \u2728 You can now create your own AI avatars like these with my new AI mini project:https://t.co/3lLowfJe66
>
> \U0001f4f8 Upload some photos of yourself
> \U0001f9e0 Train a model on it and then
> \U0001f5a8 Generate 30 AI avatars of your own face in different styles
>
> Still very very basic MVP but it works https://t.co/fwrteJ7dh4 pic.twitter.com/OOGKP11dzP
>
> — @levelsio (@levelsio) October 28, 2022

Podcasts…
https://t.co/dgc0HVGl0W

> This is pretty mind-blowing: a podcast that is entirely generated by artificial intelligence where Joe Rogan interviews Steve Jobs. https://t.co/JPeKZ8ylxk
>
> — Alex MacCaw (@maccaw) October 11, 2022

Medicine…
https://t.co/gpPZXyBjJQ

> \U0001f389 #StableDiffusion can be fine-tuned to generate medical images, and the outputs can be controlled using natural language text prompts!
>
> In our latest work, we use SD to create synthetic chest xrays and insert pathologies like pleural effusions.
>
> \U0001f9f5 #Radiology #AI #StanfordAIMI pic.twitter.com/FxQLIPmwdZ
>
> — Christian Bluethgen (@cxbln) October 11, 2022

Education…
https://t.co/2KAlaHA9v2

> Announcing https://t.co/C7rp4Vj9RS - a better way to read academic papers.

> Want to know the science behind GPT-3? We built a tool that explains Attention Is All You Need - the paper that started it all.
>
> Try it at https://t.co/C7rp4Vj9RS! pic.twitter.com/OwHsiYCPbD
>
> — Aman Jha (@amanjha__) October 12, 2022

Search…
https://t.co/tEta7dTrDP

> GPT-3 versus Google Search: pic.twitter.com/oCxIIDV7O4
>
> — David E. Weekly @david@weekly.org (@dweekly) October 13, 2022

Sports…
https://t.co/sGsosqOTiq

> New AI algorithms predict sports teams\u2019 moves with 80% accuracy. Move over Brad Pitt, you're old news, there's a new Moneyball in town.https://t.co/YA6jyvCjAq
>
> — Ben Tossell (@bentossell) October 13, 2022

Marketing…
https://t.co/XjcQadAhe9

> AI unlocks unlimited product photography. \U0001f92f
>
> Recent advances have made it possible for merchants to turn mobile photos into high quality product images + ad creative.
>
> AI can now learn and reproduce a product on demand. More\u2026\U0001f447[1/10]#ai #aiart #stablediffusion #dreambooth pic.twitter.com/sNrRLtIIa1
>
> — Russ Maschmeyer (@StrangeNative) October 11, 2022

Gaming…
https://t.co/755pHeS1Gc

> ~ Presenting: DiffusionCraft AI ~
> Stable Diffusion running live with Minecraft.
> Here is my latest experiment with the little help of some python scripts.#diffusioncraft #minecraft #stablediffusion #python #img2img #aigaming pic.twitter.com/XXBFzeeCFL
>
> — Sean (@ThoseSixFaces) October 23, 2022

Film…
https://t.co/ThOOO9Y5i7

> Testing out Stable Diffusion inpainting on a video
> - by @justLV
> See below for his process#inpainting #stablediffusion #artificialintelligence pic.twitter.com/XyFk4c1aUg
>
> — Karen X. Cheng (@karenxcheng) November 1, 2022

Film software…
https://t.co/tnShUHNX9B

> Introducing AI Magic Tools
>
> Dozens of creative tools to edit and generate content like never before. New tools added every week.
>
> Available now: https://t.co/ekldoIsP34 pic.twitter.com/ejcSnEiCEi
>
> — Runway (@runwayml) October 12, 2022

from image to video…
https://t.co/ZbdQy7lXDQ

> Introducing Frame Interpolation
>
> Generate seamless video from still images with just one click.
>
> Available now: https://t.co/rpNciHjZRH pic.twitter.com/HOtAo16f0Y
>
> — Runway (@runwayml) November 2, 2022

by Google…
https://t.co/EjlC81jOAq

> Excited to announce Imagen Video, our new text-conditioned video diffusion model that generates 1280x768 24fps HD videos! #ImagenVideohttps://t.co/JWj3L7MpBU
> Work w/ @wchan212 @Chitwan_Saharia @jaywhang_ @RuiqiGao @agritsenko @dpkingma @poolio @mo_norouzi @fleet_dj @TimSalimans pic.twitter.com/eN81LqZW7I
>
> — Jonathan Ho (@hojonathanho) October 5, 2022

by Meta…
https://t.co/NosLAAm1yk

> We\u2019re pleased to introduce Make-A-Video, our latest in #GenerativeAI research! With just a few words, this state-of-the-art AI system generates high-quality videos from text prompts.

> Have an idea you want to see? Reply w/ your prompt using #MetaAI and we\u2019ll share more results. pic.twitter.com/q8zjiwLBjb
>
> — Meta AI (@MetaAI) September 29, 2022

on Quest
https://t.co/OeZp8QJfye

> ~ Presenting: Sketch Diffusion ~
> Stable Diffusion running live with the Meta Quest Pro in Gravity Sketch. I created this in collaboration with T&DA.#metaquestpro #wearables #ar #stablediffusion #ai #artificialintelligence #img2img #generativeart #python #gravitysketch pic.twitter.com/dJP1Kct25X
>
> — Sean (@ThoseSixFaces) October 28, 2022

in Blender…
https://t.co/UE7XiaV01B

> More testing of the SD addon for Blender. \U0001f601#b3d #stablediffusion pic.twitter.com/1vJ22sIGgS
>
> — \U0001f463K\u15ea\u15e9\u15efG\U0001f463 (@Kdawg5000) September 27, 2022

from Drones…
https://t.co/eZepPHM5uv

> 1/ Now you can create "drone" shots from your phone footage, thanks to NeRF
> Collab with @justlv / software @nerfstudioteam / see below for our process
> #NeRF #neuralrendering #artificialintelligence #instantNeRF pic.twitter.com/3FOqGK403N
>
> — Karen X. Cheng (@karenxcheng) October 25, 2022

to Phones.
https://t.co/iBb9Rt82Bt

> AI powered app helps you count things pic.twitter.com/cxOEI3BAyz
>
> — Vala Afshar (@ValaAfshar) October 31, 2022

AI-imagined Books…
https://t.co/iEWFaNEXLb

> Just wanted to share something small I built the other night --
>
> I grew up listening to Will Durant's history books, and now I can watch them! Videobook lets you "watch" audiobooks

(sound on): pic.twitter.com/JcBBQJNPT2

— Daniel Gross (@danielgross) October 27, 2022

Music Videos…
https://t.co/hJyr6lQAaE

The "lyrics" of "Killer Queen" are used to create the images by Artificial Intelligence and it is just beautiful\U0001f970 pic.twitter.com/FZknOB4kqA

— Tansu YE\u011eEN (@TansuYegen) October 7, 2022

Films…
https://t.co/ev700AI4zx

"A Year"

AI animation artwork made in colab using my custom stable 3D animation algorithm on top of #stablediffusion model. In the thread I share some details about the algo and when i plan to release it, and talk about the joy and future of AI filmmaking

\U0001f3b6 DakhaBrakha - Vesna pic.twitter.com/OexCG5DCl3

— Dmitrii Tochilkin (@cut_pow) October 3, 2022

Dimensions…
https://t.co/zO1JfScYT6

The best photoscanning app by far is the @LumaLabsAI beta. It uses self-learning AI to guess parts of the missing scan, and does an amazing job at it. Currently no mesh export, but that's coming soon. pic.twitter.com/vb6bJqmWZ8

— Andrew Price (@andrewpprice) October 12, 2022

https://t.co/TPp72UBI8n



Worlds.
https://t.co/phliHGd1JO

> Stable Diffusion inpainting in the real world \U0001f929. First experiment with Stable Diffusion and WebAR. #threejs #8thwall #stablediffusion #augmentedreality pic.twitter.com/dFq1sRoh43
>
> — Stijn Spanhove (@stspanho) October 16, 2022

Rethink how you think…
https://t.co/A2eCuswhaf

> something I've been playing around with: live drag-and-drop AI writing augmentation in @Fermat_ws. it's infinitely easy to prompt engineer different tools, and ones like live counter-argument generation seem to be super powerful. pic.twitter.com/t4hG2IEoJw
>
> — max drake (\u2a0d) (@max__drake) October 14, 2022

how you dream…
https://t.co/mhviXnm2H7

> This tool for artists, storytellers, and researchers is built for rapid prompt development: generate hundreds of images, manage prompt dependencies, try variations, find nearby concepts, and fine-tune params in real-time.
> Start with any prompt. Those from #lexica usually... pic.twitter.com/bgAk0x86Fq
>
> — Noah Mac (@noahamac) October 11, 2022

who you are.
https://t.co/WmPg6LLRm2

> Introducing the Dreambooth Ion Cannon:
>
> A Stable Diffusion repository and guide designed to allow even the most non-technical of users to generate images according to pre-selected prompts with nothing more than eight photographs of a subjecthttps://t.co/JZTMJqYfqk
>
> — laurence (gpt-3 bot overlord arc) (@functi0nZer0) October 5, 2022

It's easier than you think…
https://t.co/GEi31zgQah

> DreamBooth is becoming popular for creating custom Stable Diffusion models using your images.
>
> Here is a beginner friendly thread on how it works: \U0001f9f5 pic.twitter.com/jlLdOqbWBf
>
> — Divam Gupta (@divamgupta) November 1, 2022

to recreate reality…
https://t.co/ffxBBTLwAI

> Imagic: Text-Based Real Image Editing with Diffusion Models
> abs: https://t.co/xRW6F6w2ZG pic.twitter.com/wGifY74i4w
>
> — AK (@_akhaliq) October 18, 2022

on an infinite canvas.
https://t.co/RZhAm4hB9V

> I turned stablediffusion-infinity (#outpainting with #stablediffusion on an infinite canvas) into a web app using @pyscript_dev and @Gradio: PyScript for the frontend and Gradio for the backend.
>
> Source code: https://t.co/BpUWQZctcx
> Also available on Colab pic.twitter.com/QkpGdTemUl
>
> — Lnyan (@lkwq007) October 1, 2022

Ok, it’s kind of complicated…
https://t.co/3hXrlxxtPD

> Expert level prompt engineering going on here: pic.twitter.com/ZnKgLUN8NZ
>
> — Suhail (@Suhail) October 13, 2022

vast…
https://t.co/DYFkVydGYs

> How do people use #stablediffusion ?
> Explore 6.4 million AI generated images from @krea_ai in Atlas.https://t.co/nrbG8PuwFp
> pic.twitter.com/B8MOJDDDRl
>
> — Nomic AI (@nomic_ai) November 1, 2022

some would even say, Universal.
https://t.co/8ZLc9DJ2u8

> (1/3) Until now, AI translation has focused mainly on written languages. Universal Speech Translator (UST) is the 1st AI-powered speech-to-speech translation system for a primarily oral language, translating Hokkien, one of many primarily spoken languages. https://t.co/onYKQ8uoKN pic.twitter.com/Iy8MRMOypQ
>
> — Meta AI (@MetaAI) October 19, 2022

Translate anything…
https://t.co/HD7nZPwvSq

> We've trained a neural net called Whisper that approaches human-level robustness and accuracy on English speech recognition. It performs well even on diverse accents and technical language. Whisper is open source for all to use. https://t.co/ueVywYPEkK
>
> — OpenAI (@OpenAI) September 21, 2022

anywhere…
https://t.co/buyRHeyV3g

> \u2728 I made a YouTube transcription tool using @OpenAI's #Whisper model to transcribe any YouTube video to a PDF.
>
> Just paste any YouTube link and get the PDF.
>
> It has hyperlink timestamps that go to any specific video section.
>
> It's on @ProductHunt today!https://t.co/PeRbUy6YZn pic.twitter.com/I9Odx3aAJV
>
> — Marco Mascorro (@Mascobot) October 11, 2022

in any language.
https://t.co/X8iOUBxP6E

> \U0001f941 Introducing @vidtranslator \U0001f30e

> Hacked together a twitter bot that uses @OpenAI #whisper to translate any videos in any tweets, in... any language.
>
> Making @Twitter a truly global water cooler.
>
> It's mind-blowing how good it is! Examples \U0001f9f5
>
> — Altryne - targum.video (@altryne) October 3, 2022

Music…
https://t.co/HFF5BH8GIm

> we've seen lots of generative AI market maps making the rounds on Twitter. a huge gap: none of them cover music with the same amount of breadth as visual art and text.
>
> so, we made our own \U0001f916 here's a market map of 60+ AI tools for musicians, across the entire creative process: pic.twitter.com/FTvobG3xiN
>
> — Water & Music (@water_and_music) November 1, 2022

Photos.
https://t.co/flQCTpEaD3

> big AI art news from Shutterstock. the company is:
>
> - integrating OpenAI's DALL-E to their site to generate stock images
> - launching a fund to reimburse Shutterstock creators whose images are sold to train AI art modelshttps://t.co/7OlhYYyPlB
>
> — James Vincent (@jjvincent) October 25, 2022

Or just have some fun…
https://t.co/66veHAzWj4

> dying at these AI images of \u201csalmon in a river\u201d pic.twitter.com/mVXP1QSmhE
>
> — thankfulBad (@SortaBad) October 28, 2022

awe…
https://t.co/nbecENZoih

> How dead celebrities would look today with artificial intelligence
>
> I can't stop staring at these...
>
> Don't tell me AI isn't going to change the world:

— GREG ISENBERG (@gregisenberg) September 27, 2022

play…
https://t.co/eK26PZUbEP

> The simplest video inputs can turn out so wild \U0001f47d #aivideo #stablediffusion #stablewarpfusion #ai pic.twitter.com/FgrGLMYXix
>
> — Colton Onushko (@Coltography) October 28, 2022

joke.
https://t.co/o1EzsYXbvY

> I decided to turn my error into an image with stable diffusion. That seems about right. pic.twitter.com/NmryXgWkfX
>
> — Cody Blakeney (@code_star) October 7, 2022

If you're still reading this…
https://t.co/SbtxqFxfkm

> This sweater developed by the University of Maryland is an invisibility cloak against AI.
>
> It uses "adversarial patterns" to stop AI from recognizing the person wearing it. pic.twitter.com/aJ8LlHixvX
>
> — Morning Brew \u2615\ufe0f (@MorningBrew) October 25, 2022

it's time to get going…
https://t.co/TaOXsMXFxi

> OpenAI launches their first accelerator.
>
> $1M to 10 companies + early access to models.https://t.co/l0nTtLomlo
>
> — Lenny Bogdonoff (@rememberlenny) November 2, 2022

now…
https://t.co/a4haJ1UOVq

> Press release: Stability AI Announces $101 Million in Funding for Open-Source Artificial Intelligence @EMostaque https://t.co/VgVDeag8tJ
>
> — Stability AI (@StabilityAI) October 17, 2022

right now…
https://t.co/rC7n3BuWBH

> I think most people who are not playing with these technologies are way underestimating the speed of advancement in "creative" AIs & how much of an impact that is going to have on many jobs, soon.
>
> AI language & art models are growing at 10x a year. Beyond Moore's Law pacing. 1/ pic.twitter.com/r0YnROh58z
>
> — Ethan Mollick (@emollick) October 25, 2022

everything is moving faster…
https://t.co/rgI8Uiue23

> This is not a drill. I was able to run #stablediffusion locally on an iPhone XS. Not via server. On. My. Phone. The prompt: \u201cpineapple on a white table.\u201dWatch it transform. (I broke the model into about 20 CoreML models to avoid running out of memory pic.twitter.com/FJcUNv7elO
>
> — Matt Waller (@wattmaller1) September 24, 2022

so stay up to speed…
https://t.co/J7StE66oSq

> The field of AI is moving incredibly fast.
>
> Here\u2019s a curated list of 15 AI newsletters to stay ahead of the field.\U0001f9f5
>
> — AssemblyAI (@AssemblyAI) October 28, 2022

informed…
https://t.co/XmgCsEOlbv

of everything.
https://t.co/12qBNPcQok

> Awesome Diffusion Models
>
> A fantastic and well-organized collection of learning resources on diffusion models such as introductory papers, survey papers, intro videos, long lectures, and blog posts. Papers in vision, natural language, tabular, graph, etc.https://t.co/Dfmkv9mmKD pic.twitter.com/fcqw8LgtM4
>
> — Jean de Nyandwi (@Jeande_d) October 7, 2022

Or just the things you really need…
https://t.co/2JGB28BZJ0

> Over the 7 weeks since Stable Diffusion's release, we've seen many amazing open-source contributions from the community. A lot of them have come in the form of awesome Google Colab notebooks! \U0001f525
>
> Here is a thread of 14 awesome notebooks we've seen from the community \u2193

— Stable Diffusion (@StableDiffusion) October 14, 2022

a vision…
https://t.co/CiDpagMoER

\U0001f6a8 NEW: Our episode with @EMostaque of @stabilityai / StableDiffusion is out!

We discussed
- All things StableDiffusion
- Why gatekeepers are bad for AI
- Prompt eng.
- India's role in AI
- Dishoom in London (!)
- Religion/theology
- And much more!@aarthir and I had a blast pic.twitter.com/pgISO6PkYz

— Sriram Krishnan - sriramk.eth (@sriramk) September 30, 2022

https://t.co/tiyIkeY4k6



a technical understanding…
https://t.co/EKJvk4wx0J

The Illustrated Stable Diffusionhttps://t.co/sbjKHP4Pol

New post!

> Over 30 visuals explaining how Stable Diffusion works (diffusion, latent diffusion, CLIP, and a lot more).
> pic.twitter.com/qkK1f7W1zh
>
> — Jay Alammar (@JayAlammar) October 4, 2022

a guide to more.
https://t.co/FeKV9Eql3M

> I got a special surprise for you all...
>
> We just released the first 5.5 hours of our new course "From Deep Learning Foundations to Stable Diffusion", for free!https://t.co/LiUu9HSflG
>
> — @jh@sigmoid.social (Mastodon) (@jeremyphoward) October 20, 2022

If you enjoyed this, check out my previous AI threads, on everything…
https://t.co/tAT7LkKClU

> Stable Diffusion is only 30 days old\u2026
> a MEGA THREAD \U0001f9f5\xa0on its rapid rise.
>
> — Daniel Eckler \u2726 (@daniel_eckler) September 20, 2022

on creativity…
https://t.co/XBvGZT20z2

> AI is coming for creativity \U0001f480
> Learn these tools or get left behind \U0001f447 pic.twitter.com/XVksvkSdya
>
> — Daniel Eckler \u2726 (@daniel_eckler) October 6, 2022

on artists…
https://t.co/F6MtK2tDKY

> 101 AI Artists you NEED TO SEE to Believe \U0001f447 pic.twitter.com/4xQNyNOry8
>
> — Daniel Eckler \u2726 (@daniel_eckler) September 29, 2022

from the beginning…
https://t.co/HrerW1ijJZ

> AI Art 101 \U0001f9f5
>
> 27 tweets that will \U0001f92f your brain.

— Daniel Eckler \u2726 (@daniel_eckler) August 30, 2022

to follow-up…
https://t.co/q1FDIcX49K

AI Art 101.B \U0001f9f5

24 MORE mind melting videos\u2026

— Daniel Eckler \u2726 (@daniel_eckler) September 9, 2022

to whatever's next.

Subscribe to https://t.co/SEjeAf58CR for the latest on emerging technology.

If you're in SF today, check out…

https://t.co/ljE7FYcLeq

AI Film Festival tmw!

AI movies from @GlennIsZen @ScottieFoxTTV @LighthiserScott @TomLikesRobots @_hackmans_ @hollyherndon @AceKittyArtist

Panels with @a16z @alonsorobots (Phenaki) @buckhouse at @sequoia @SPolcz + more!

AI games+AI movies+holodeck!!!https://t.co/id0kvdrvww

— The Culture DAO (@theculturedao) November 6, 2022