



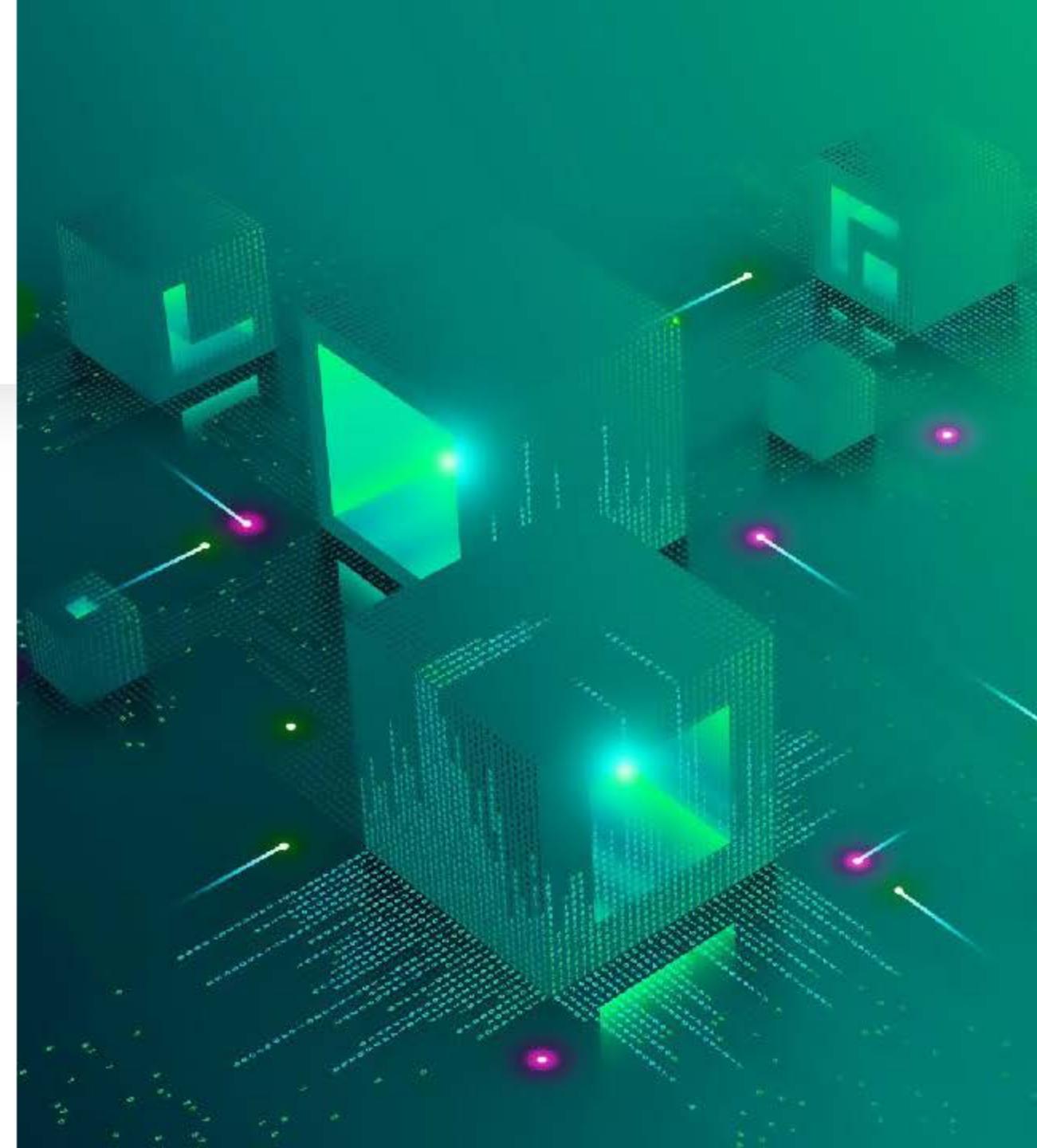
UF Blockchain Lab: NFT Workshop

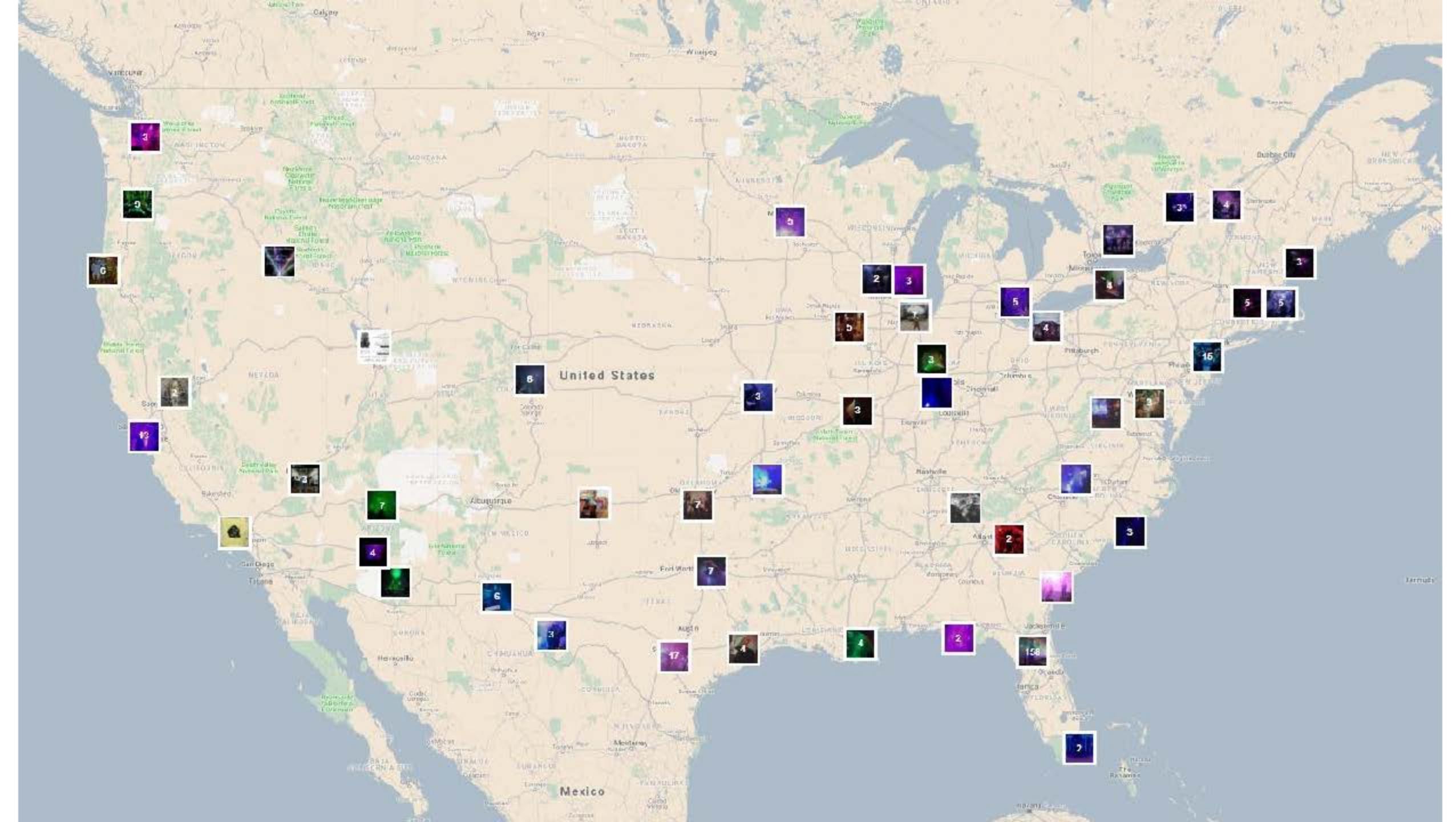
Jay Rosen

NFT Disclaimer

The information provided in this NFT workshop is for educational purposes about the applications of Art and blockchain from an artist and developer perspective.

I am not a financial advisor, and the content should not be construed as financial advice. Engaging in transactions with cryptocurrencies and NFTs carries inherent risks due to their volatile nature, and it's advised to conduct thorough research or consult with a qualified financial advisor before making any investment decisions.





United States

Mexico



Abstract

Over the last year, the integration of AI into art and design has emerged as a transformative tool, enabling new perspectives and the evolution of once elusive voices. This panel will highlight work endorsed by the University of Florida, taught at the time by myself, taken at UF Days open UF Information Technology and Computer Science, to showcase how easily accessible tools for OpenAI and AI platforms like MidJourney, my creation, are inspiring the next generation of the U.S. in terms of how we move past the boundaries of AI & Technology. With these works and others, I'll demonstrate completely new ways to communicate, visually depict the future of AI, teach AI through art, bring some to show para-sports. Deepfakes? Is it better to know, however, that these pieces are created for the curiosity and education rather than decoration. My potential in educating and inspiring is understandable yet the concern regarding transparency with just and curiously, steering away from potential abuse.



Algorithmic Eyewear

Algorithmic eyewear was used throughout the week of UF Days MidJourney 5 series. This is a collection of 100 AI generated images inspired by algorithmic art. This AI artwork is displayed around the UF campus and NFT corners, as well as in my own home. Each NFT includes a unique QR response. There has been coverage of this at UF Days and HODI PRG by Myself, MidJourney 5, and also last Metaverse Fashion Week at Mirrored Gallery.



Engineering Clocktower Hologram Kiosk

This was a student proposal for UF Information Technology, to re-purpose the Engineering Clock Tower with a large polygonal hologram kiosk. The kiosk uses a laser projector mounted in the ceiling to showcase the capabilities of AI. Perfect for the public to log-in and view digital artworks, simulations, high-gift AI apparel, and documents, one can be used for maps and AI orbitals, such as a 3D version of the AI Alligator.

DCP Collaboratory Hologram Kiosk

The DCP Collaboratory hologram we proposed for the architecture building hopefully will be the competition for the second, age-transparent, LID capture, will showcase student and faculty projects as a public form. A user would be capable of interacting with AI and interact in 3D space and show how AI merges the experience with the environment.

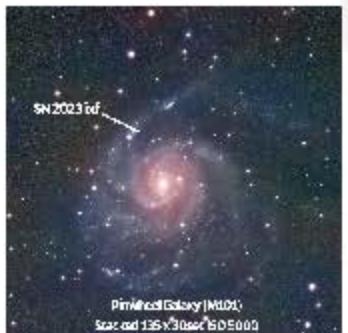


ED3N™

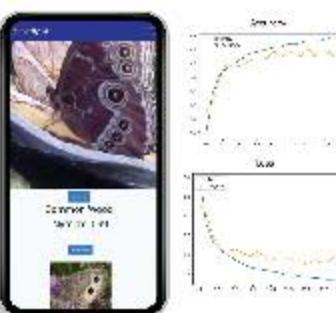
ED3N is being developed as an augmented reality game where players can create their own experiences in a magically life-like game play. Our stem-cell-like mechanics are designed with three main features: progression, AI customization, and documents. ED3N uses a user-centered approach to never lose focus using AI, from the AI brain to the user input. This project is being developed by myself, Brian Hartman.

Astrophotography

On May 21, 2023, I witnessed the newly discovered supernova SN 2023bf in NGC 1946 Galaxy. The day of its discovery at Chilean Astronomical Village. For astrophotography I used a full spectrum trap, Teledyne 4300 camera mounted on a Sky-Watcher 250Q Mount and Skywatcher GSOED telescope 300mm F/6.3. I used various AI tools in my astronomical development to track and control the telescope, as well as the use of a camera with AI to take the best possible resolution and sharpness with each lens I used.



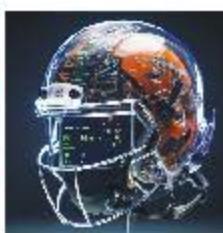
Pinkish Galaxy | Midjourney 5
Size and 135x300px | ISO 5000



Butterfly AI

UF Days Game Hackathon.com developed Butterfly AI, a "potato" machine learning game to identify species of butterflies. Below, a color classifier was showcased using AI on the UF Days Game Hackathon. Below, the DeepLearning model was generated using TensorFlow Keras in Google Colab. The model achieved 99.4% accuracy. The user can input an image of a butterfly and determine its species. Below, 20 species of butterflies and moths are being used. Butterflies.

Team: Elia Angel, Krishanita, Jennifer, Daniel, Jay Rosen.



XR Caption

AI... Smart Helmets prioritize VR/AR/MR. MR is the most realistic, as it allows users to fully interact with the environment. AR can be used in the classroom to enhance education. Goal: to make the device to wear without eyes using AI. Built with OpenVINO and TensorFlow. The AI model is an open-source DNN which allows the user's smartphone to collect the AI-generated captions into the web interface.



OpenVINO API



EX-Ray Vision

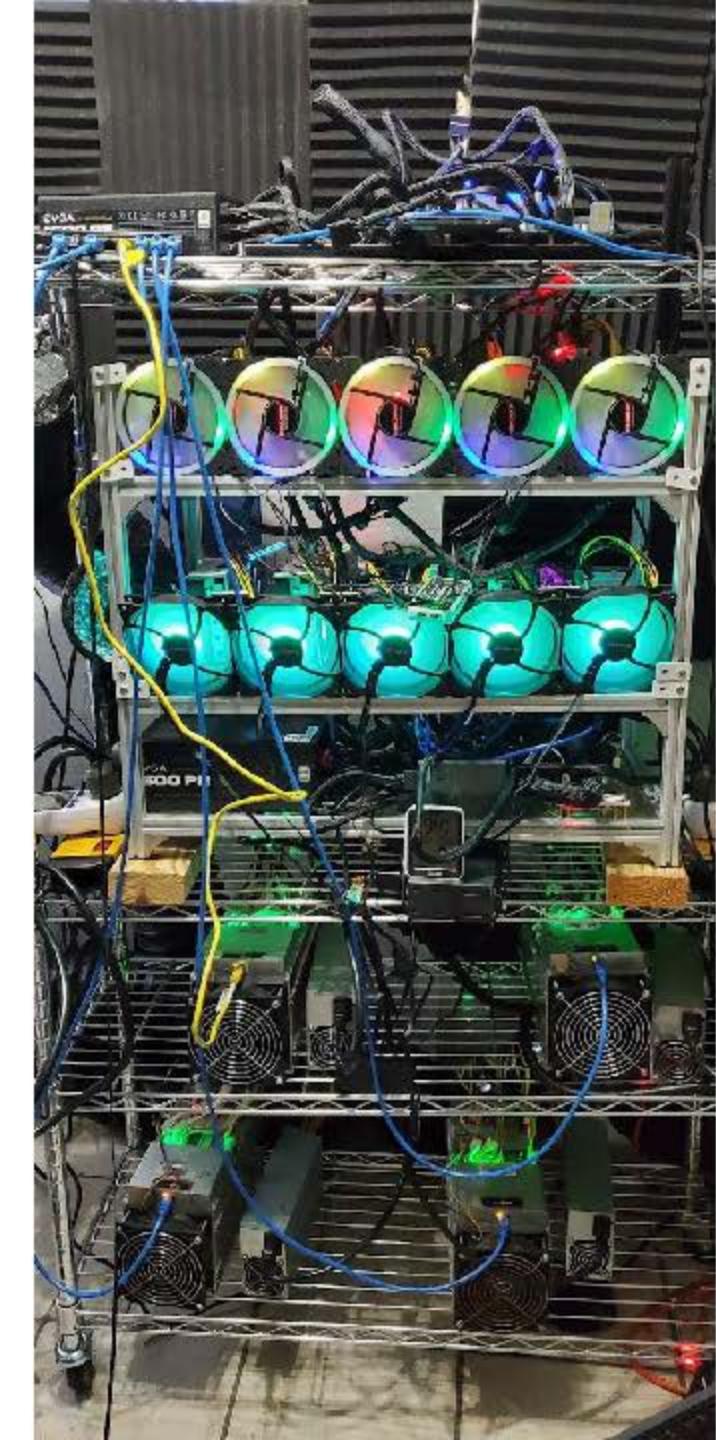
Won Best XR Award at Armed Forces Jam for EX-Ray Vision, presented by VR4P Association. Our military simulation prototype uses WiFi magnetic spectrum data emitted from WiFi devices to triangulate, locate, and neutralize malicious devices hidden in a building, simulating X-Ray visibility across the walls. By providing a more comprehensive and visual assessment of the wireless spectrum, EX-Ray Vision enhances situational awareness and decision-making abilities. Developed with assistance from Keychain, Shift Unity, Magic Leap, and US Department of Defense.

Team: Dr. Jose Nuno, Danny Tapia, Frederick Elia, Noah Sherkow, Jay Rosen.

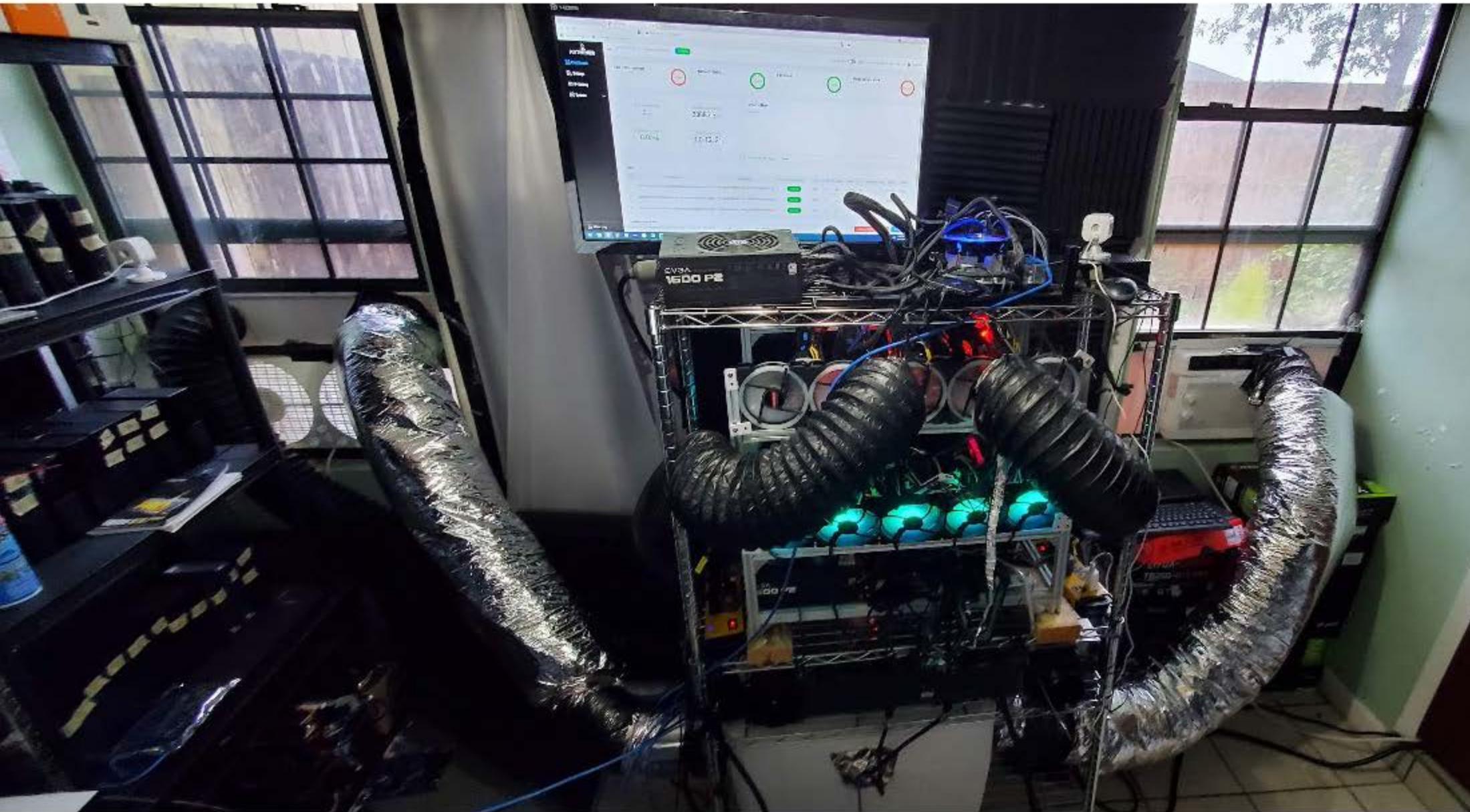


<https://jayrosen.design/metaverse-portfolio/>

<https://opensea.io/mirrorvision/created>

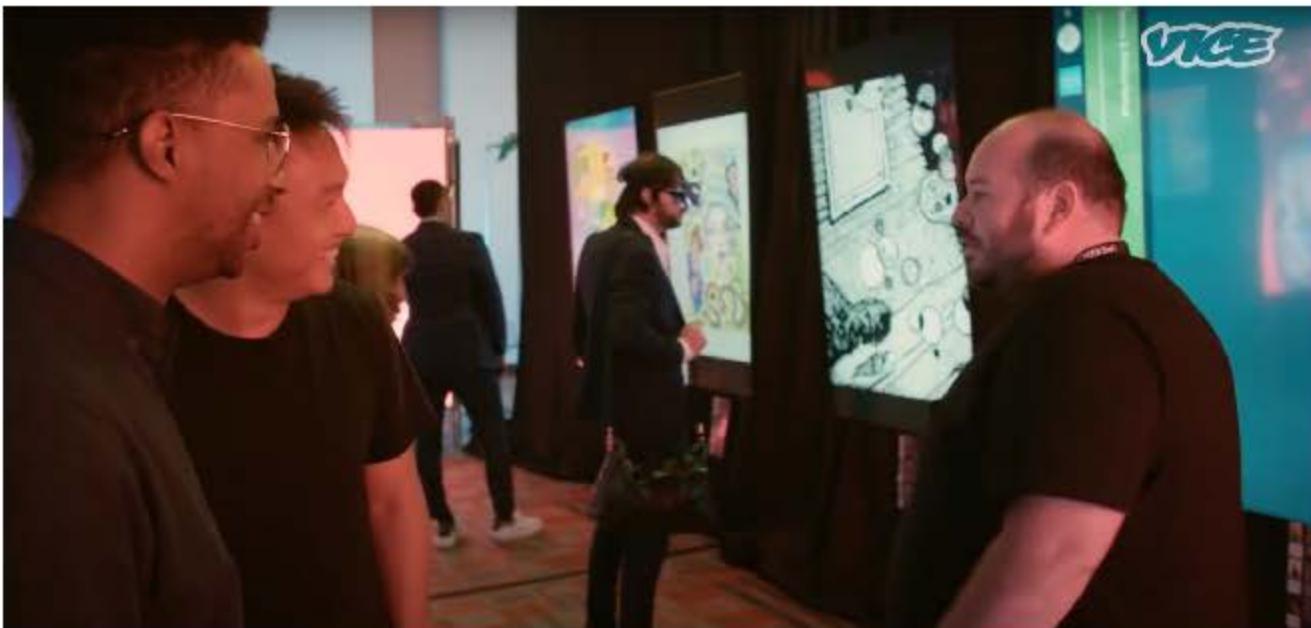
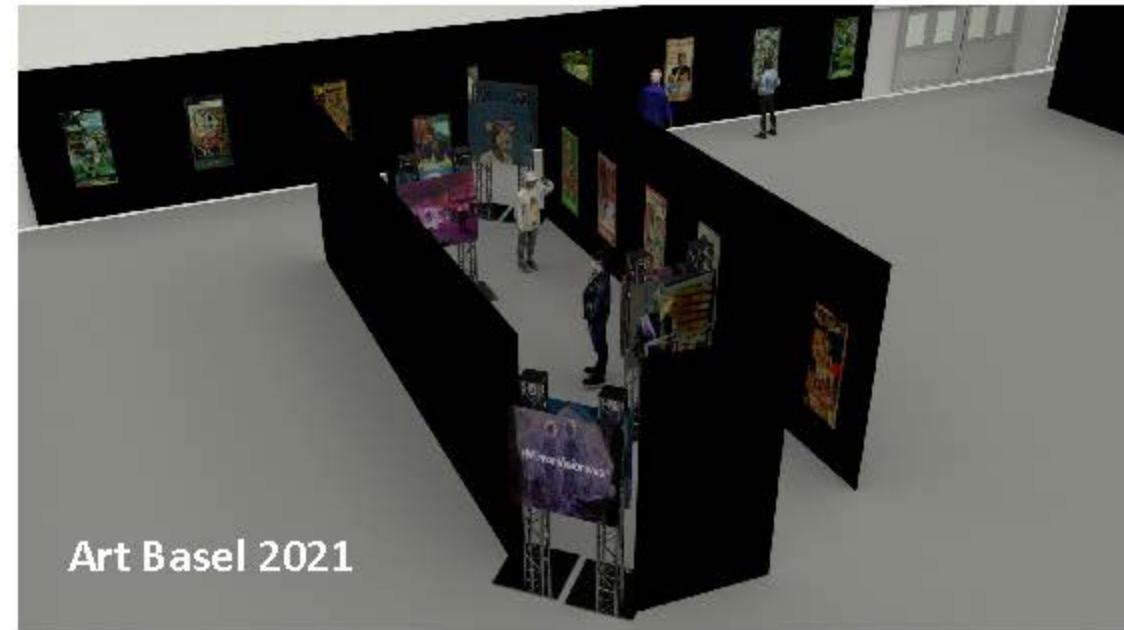


Space Age Mining Corporation – November 2020

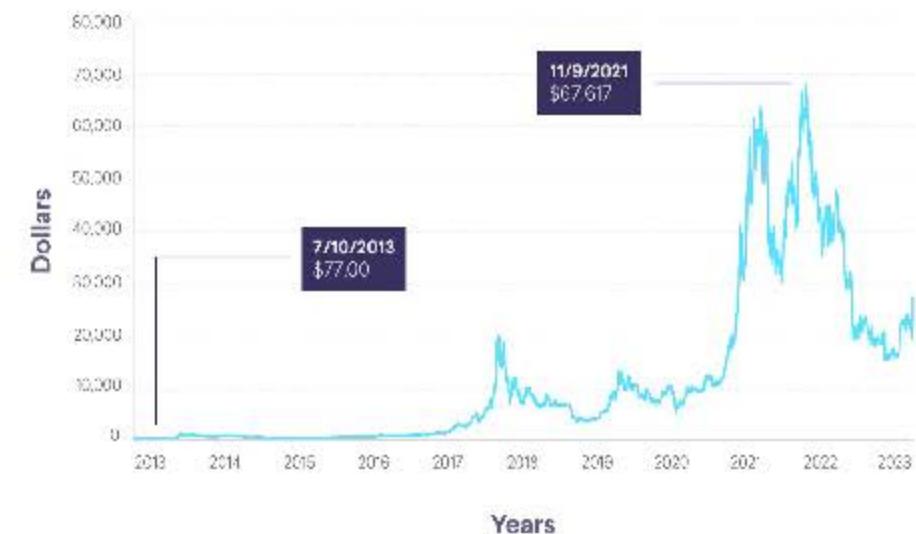






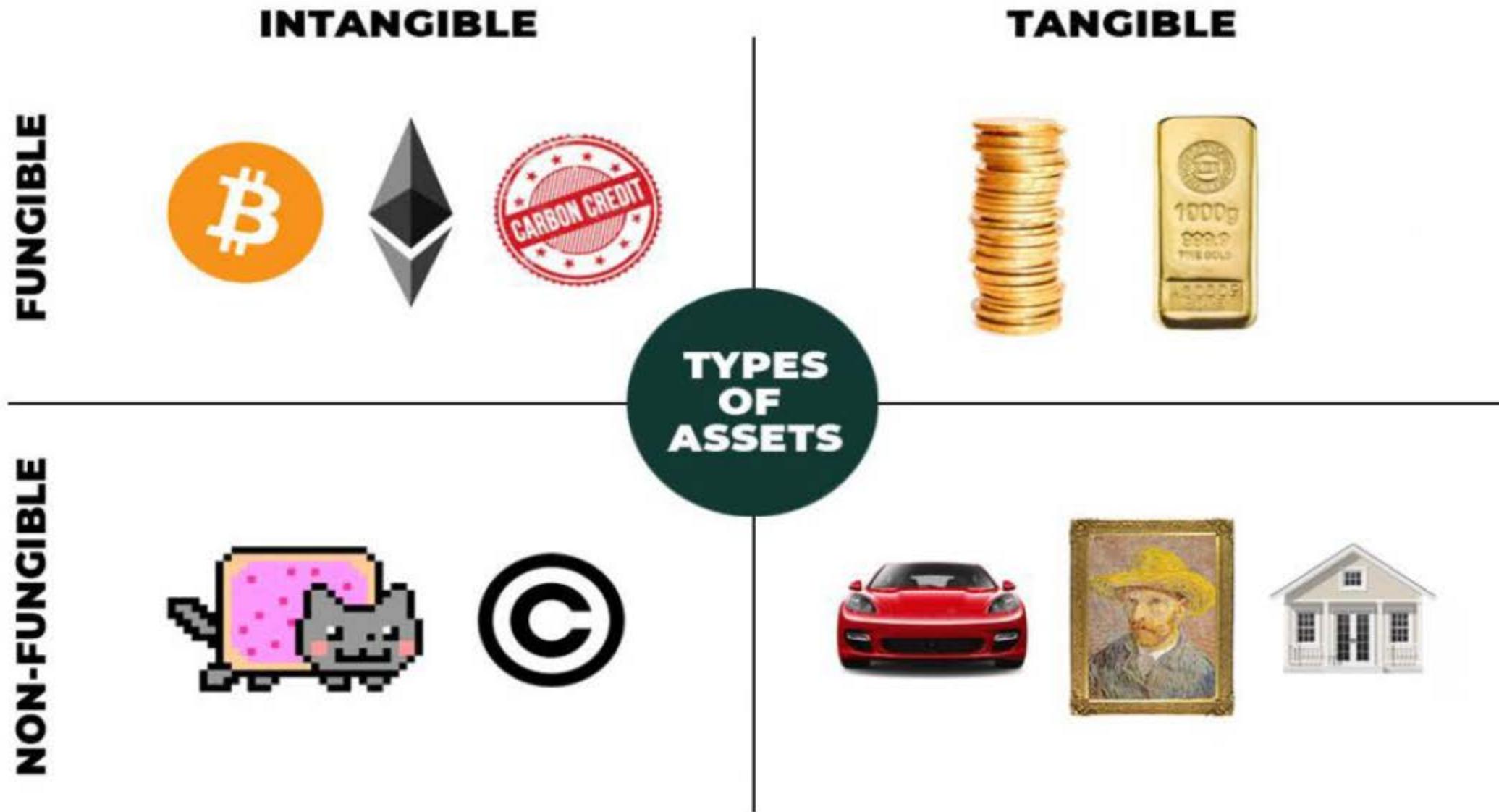


Bitcoin's Price History

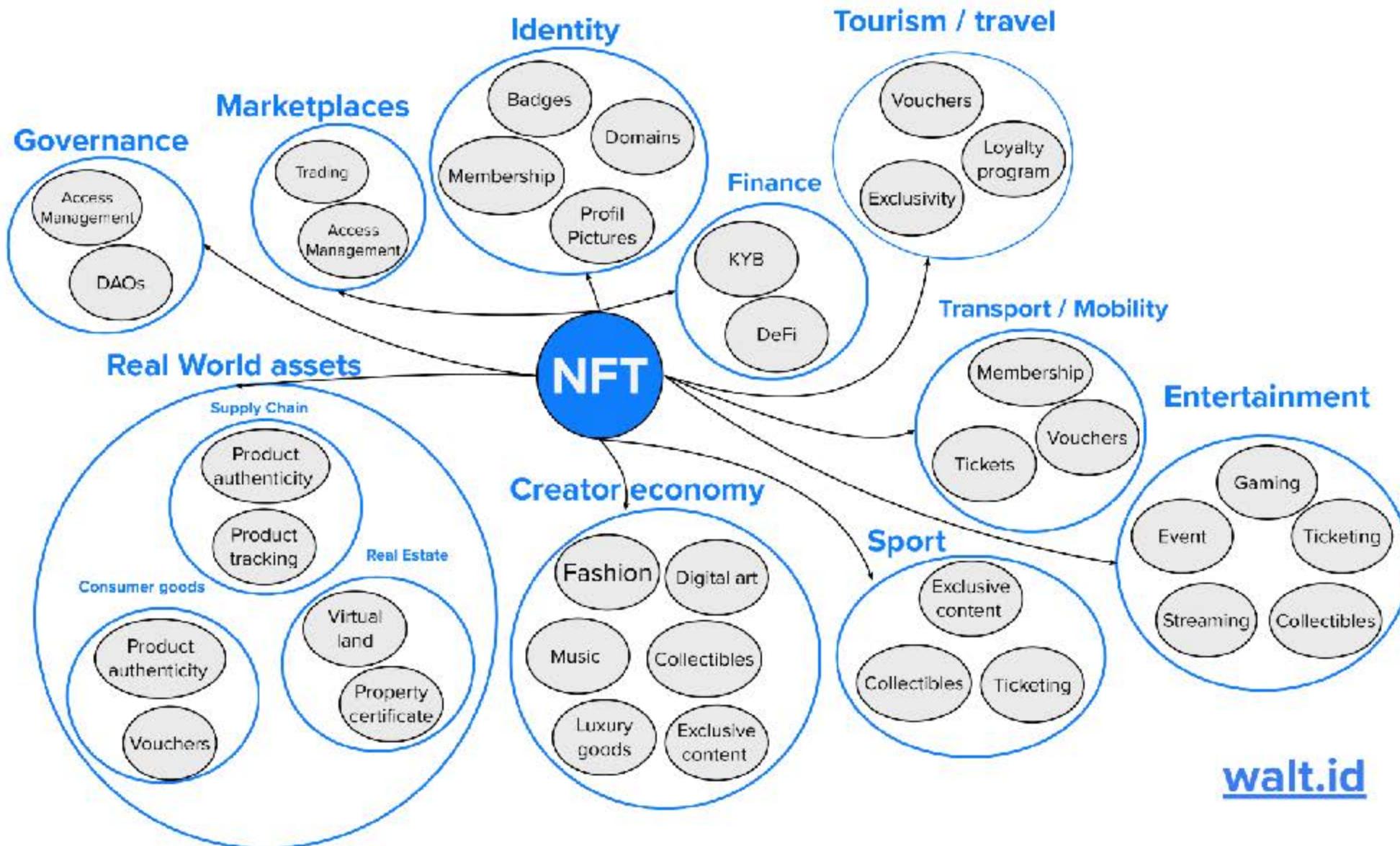




Concept Art - Art Basel 2023

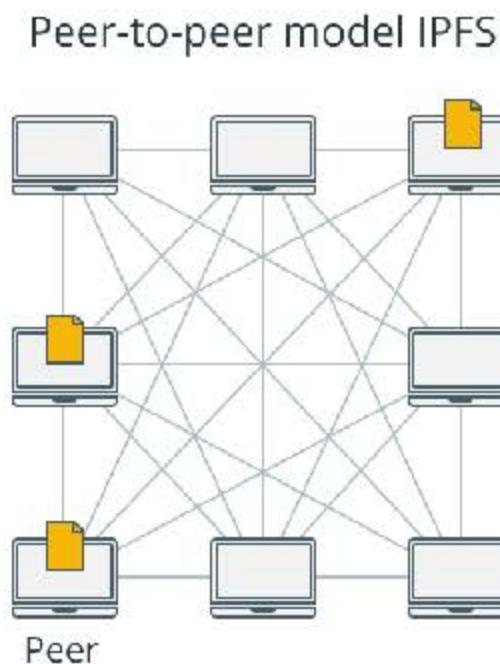
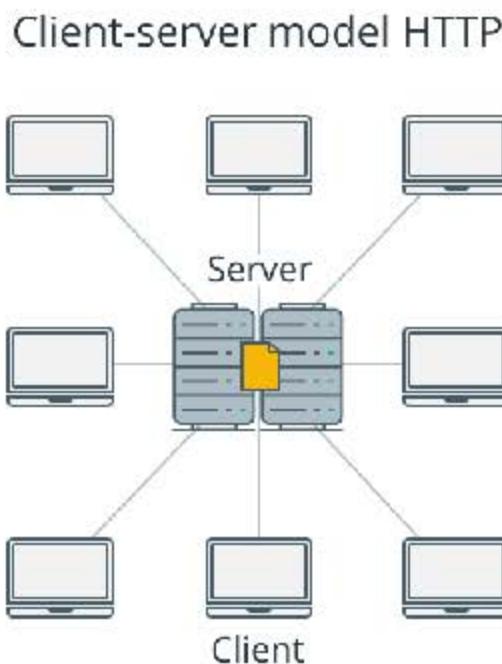


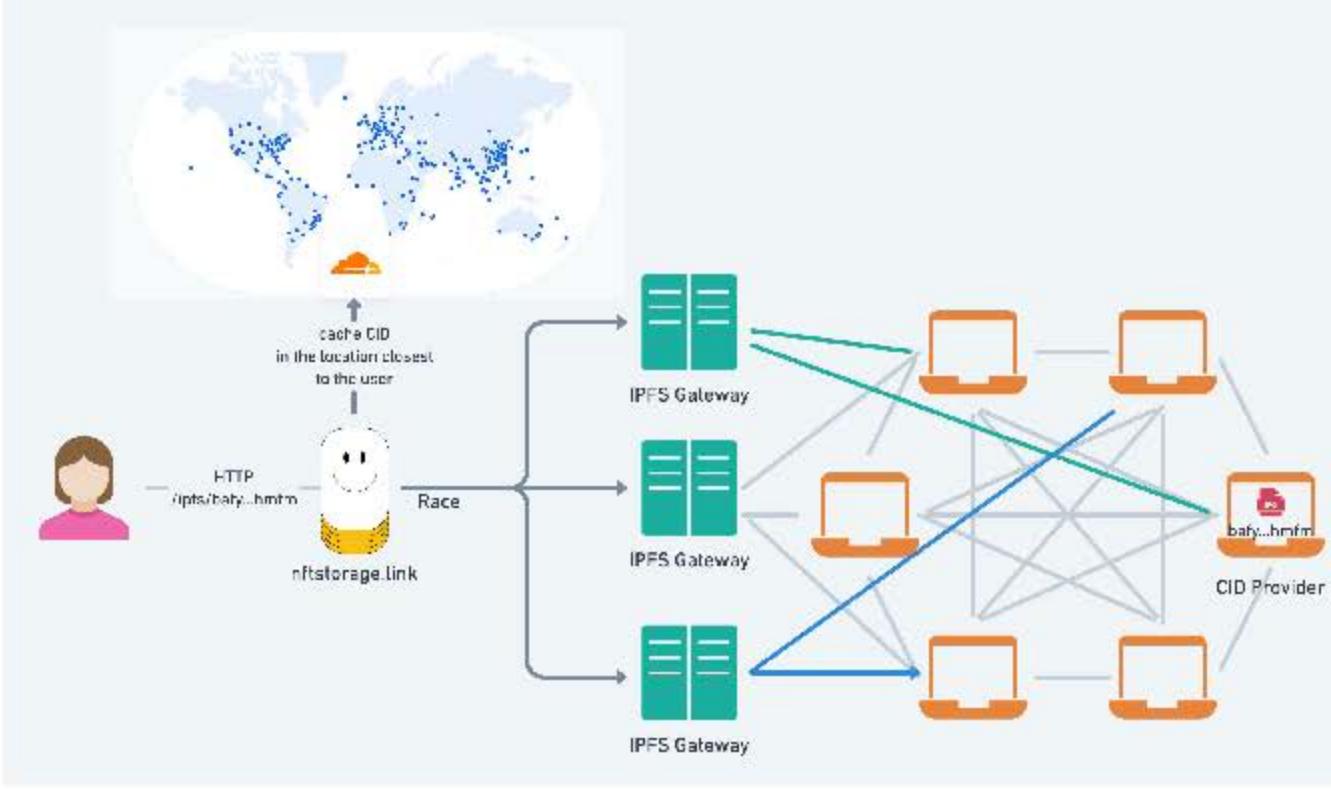
NFT industries and use cases



Interplanetary File Storage (IPFS)

From client-server to peer-to-peer with IPFS





Pinata IPFS

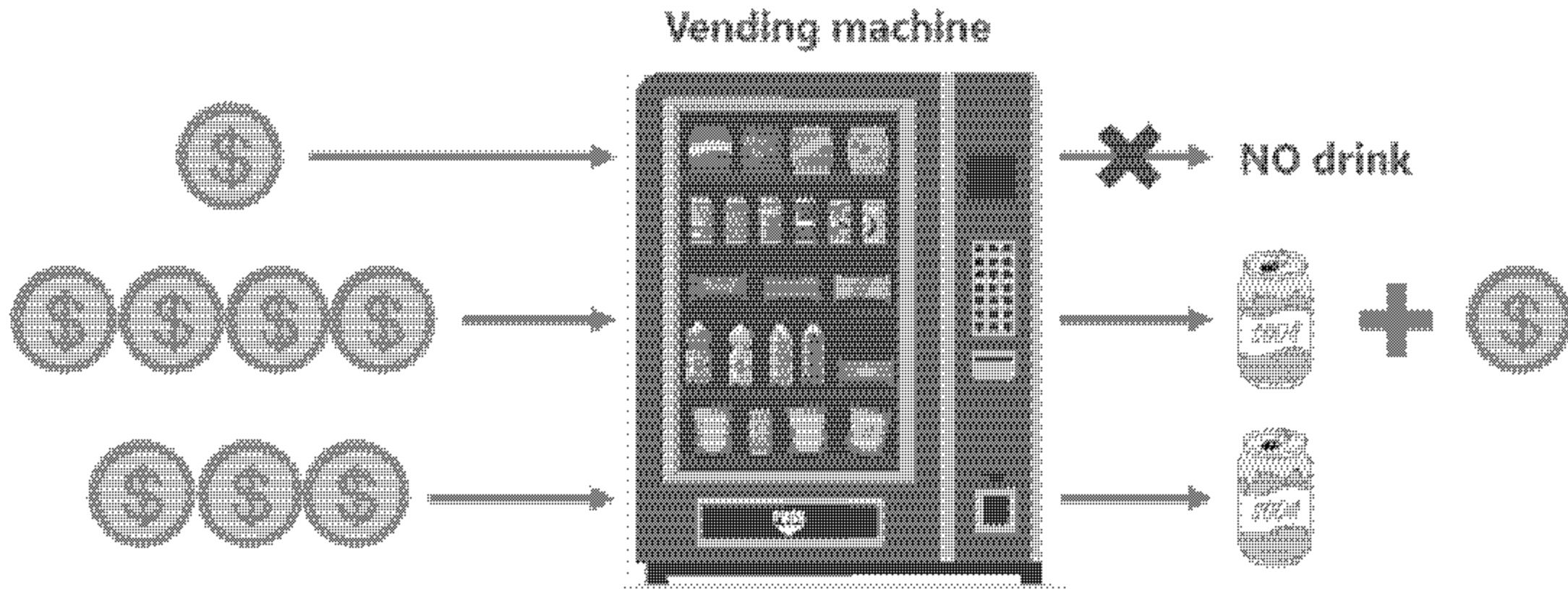
Upload to IPFS via Pinata



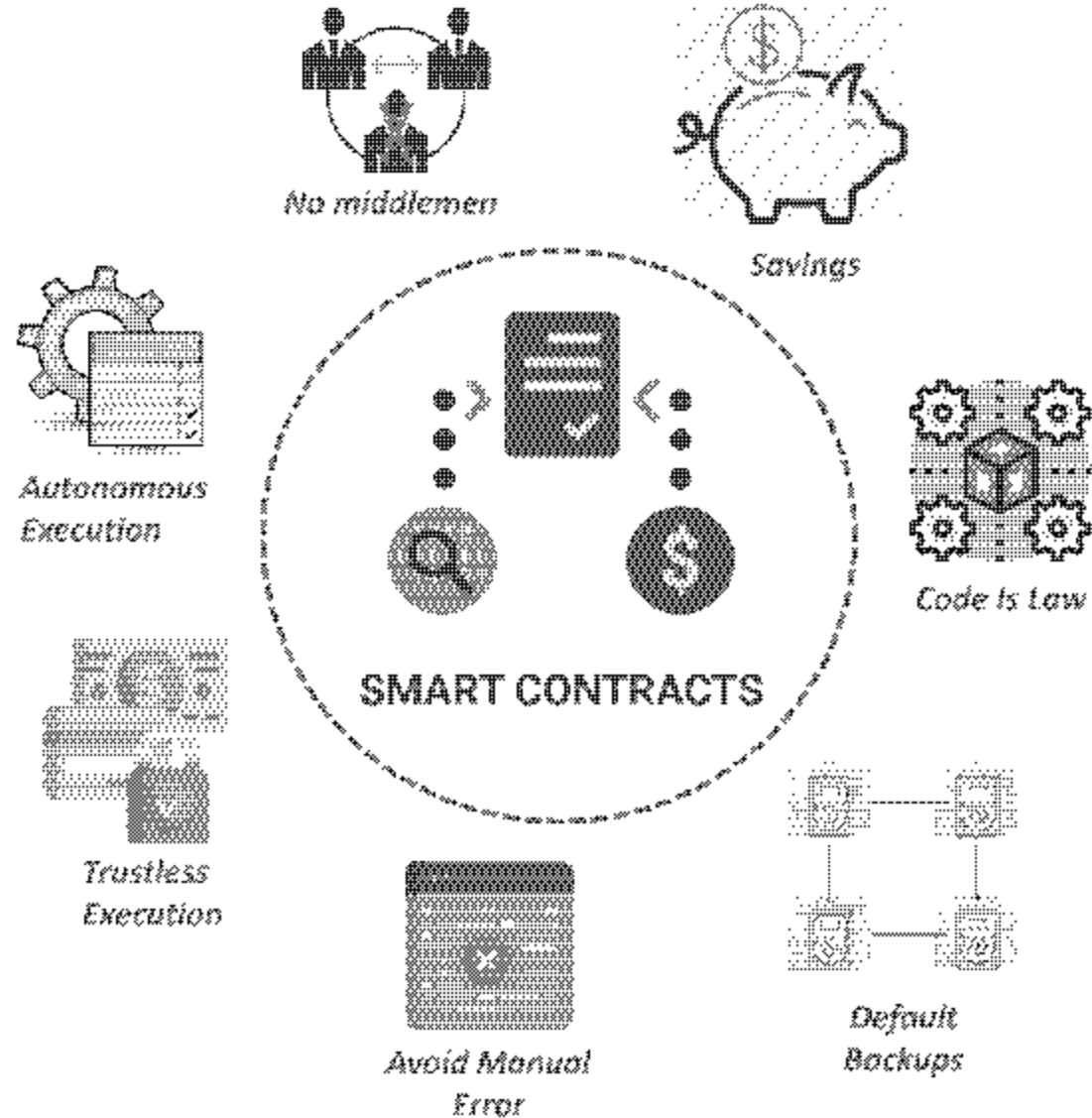
 Powered by Moralis.io

NFT
STORAGE

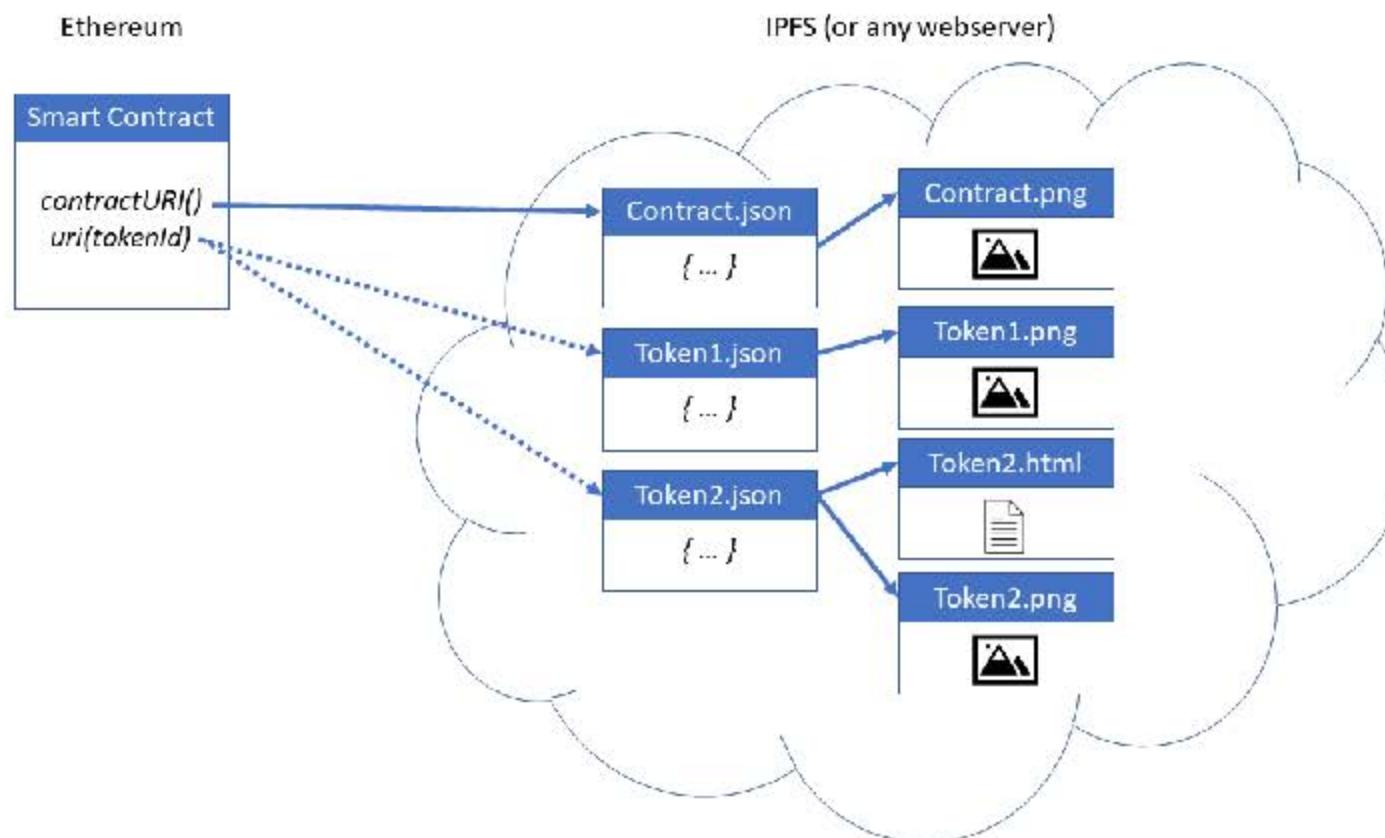
Smart Contracts



"A Smart Contract is a set of promises, specified in digital form, including protocols within which the parties perform on these promises." - Nick Szabo (1994)



NFT Smart Contract





ERC-721
(1 vending machine for each item)



ERC-1155
(1 vending machine for infinite items)

Pop Art influence

- Mass Production
- Bright colors
- Interplay with pop culture
- Consumerism / Capitalism
- Rejection of Art World elitism



OpenSea

OpenSea is largest NFT marketplace for – EVM-based NFTs

- Ethereum
- Polygon
- Solana
- BNBChain

As of October 2023, OpenSea had more than 1.5 million NFT trades

At its peak, NFTs had over \$5 Billion in monthly transactions

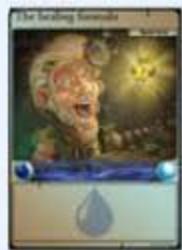
The screenshot shows the OpenSea homepage with a search bar and navigation links for 'OpenSea', 'Drop', 'Stats', and 'Create'. Below the search bar is a 'Trending' section with a 'Collection' tab selected. The main content area displays a table of top trending NFT collections:

#	Collection	Volume	% Change	High price	Sales	% Unique owners	% Items listed	
1	Bored Ape Yacht Club	1M ETH	—	25.19 ETH	40K	55% 6,532 owners	2% 226 of 9,988	★
2	CryptoPunks	1M ETH	—	—	23K	37% 3,888 owners	0% 0 of 9,988	★
3	Mutant Ape Yacht Club	899K ETH	—	4.84 ETH	82K	58% 11,370 owners	2% 952 of 19,482	★
4	Azuki	627K ETH	—	4.25 ETH	57K	43% 4,252 owners	2% 107 of 10,000	★
5	Otherdeed for Otherside	612K ETH	—	0.56 ETH	177K	34% 16,209 owners	0.89% 429 of 48,284	★
6	CLONEX - X TAKASHI MURAKAMI	500K ETH	—	112 ETH	58K	49% 8,581 owners	4% 692 of 18,510	★
7	Wrapped Cryptopunks	343K ETH	—	48 ETH	7,225	18% 143 owners	0.12% 1 of 814	★
8	Moonbirds	328K ETH	—	1.55 ETH	38K	62% 3,188 owners	0.67% 87 of 10,000	★
9	Doodles	290K ETH	—	1.25 ETH	54K	56% 5,607 owners	2% 200 of 9,988	★

2011
.bit DOMAINS



2015
SPELL OF GENESIS



2016
RAREPEPE



2017
CRYPTOKITTIES



2020
NBA TOPSHOT



B

B

cp

dp

cp

...

dp

op

dp

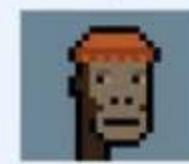
...



2013
COLORED COINS



2015
ETHERIA



2017
CRYPTOPUNKS



2017
OPENSEA



2021
BEEPLE "EVERYDAYS"

NFTs History

ownest

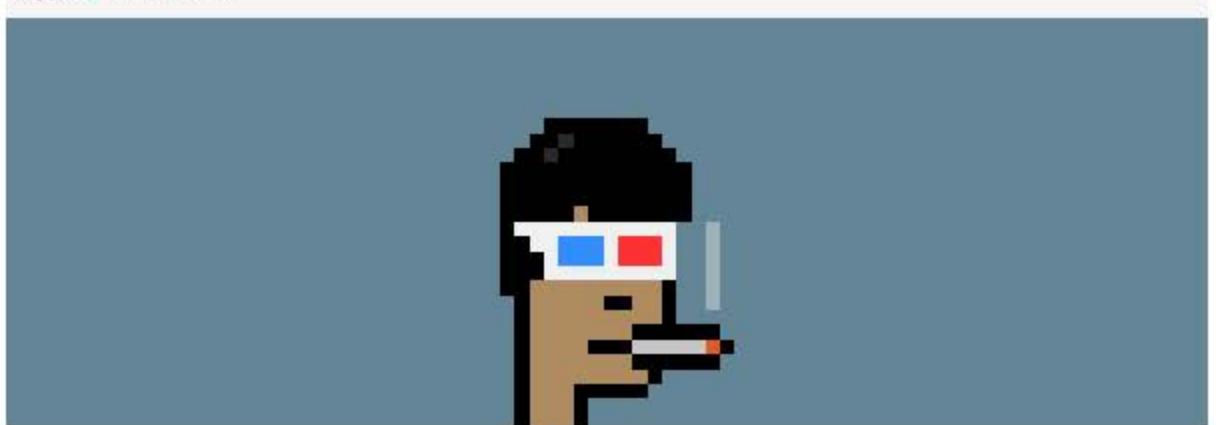
Crypto Punks



CryptoPunks launched as a fixed set of 10,000 items in mid-2017 and became one of the inspirations for the ERC-721 standard.

<https://opensea.io/collection/cryptopunks>

<https://opensea.io/assets/ethereum/0xb47e3cd837ddf8e4c57f05d70ab865de6e193bbb/6046>



CryptoPunk 6046

One of 6039 Male Punks.

Attributes

This Punk has **3 attributes**, one of 4501 with that many.

Cigarette

961 Punks have this

Frumpy Hair

442 Punks have this

3D Glasses

286 Punks have this

Current Market Status

This Punk is currently owned by address **0x**.

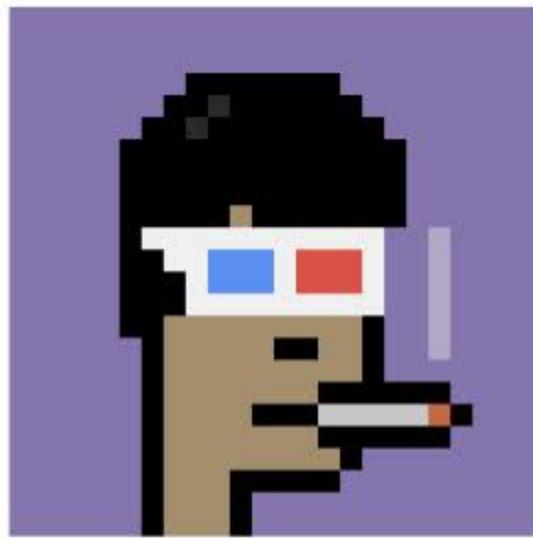
This Punk has not been listed for sale by its owner.

There are currently no bids on this Punk.

Transaction History

Type	From	To	Amount	Txn
Bid Withdrawn	poap.eth		2.5KΞ (\$9.67M)	Oct 15, 2021
Bid	poap.eth		2.5KΞ (\$9.49M)	Oct 15, 2021
Sold	0xGG1ife	richard...	45Ξ (\$0.209)	Mar 31, 2021





#6046

New bid of
2.5KΞ (\$9.49M)



#3100

4.2KΞ (\$7.58M)
Mar 11, 2021



#7804

4.2KΞ (\$7.57M)
Mar 11, 2021



CryptoKitties

[Sign in](#) [Marketplace](#)

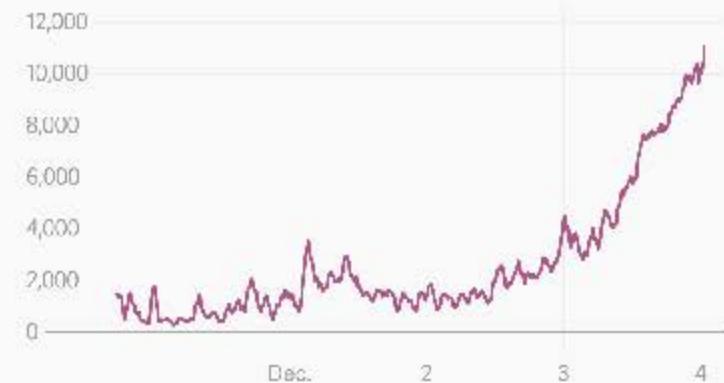
Collectible. Breedable. Adorable.

Collect and breed digital cats.

[Start Meow](#)



Pending ethereum transactions after CryptoKitties' release



DETAILS

DATA

[EDIT](#)

GAS FEE

♦ 0.994275

\$2,320.15

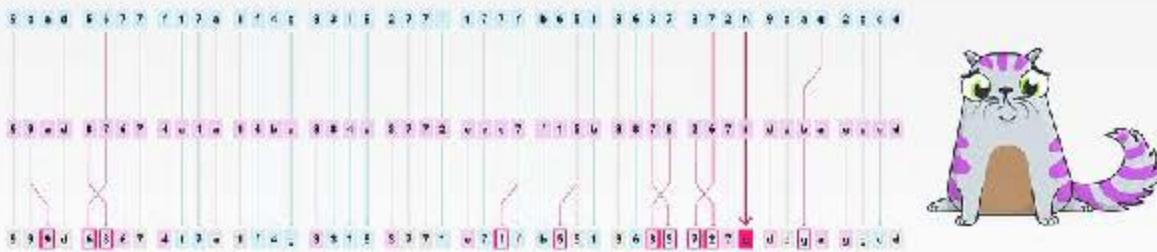
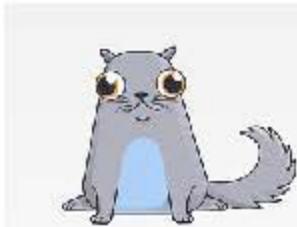
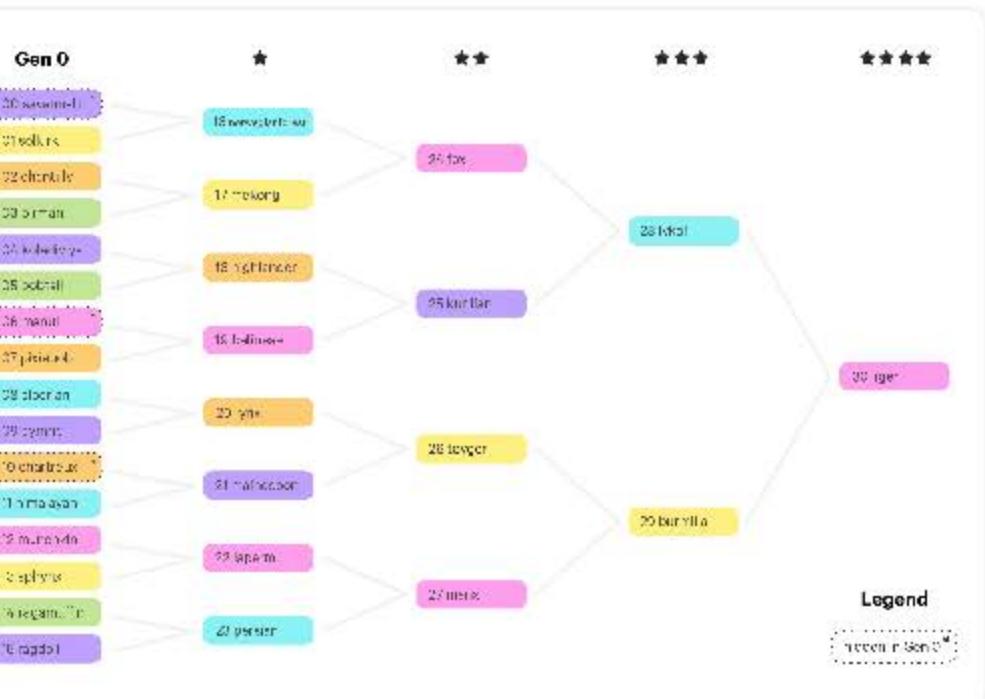
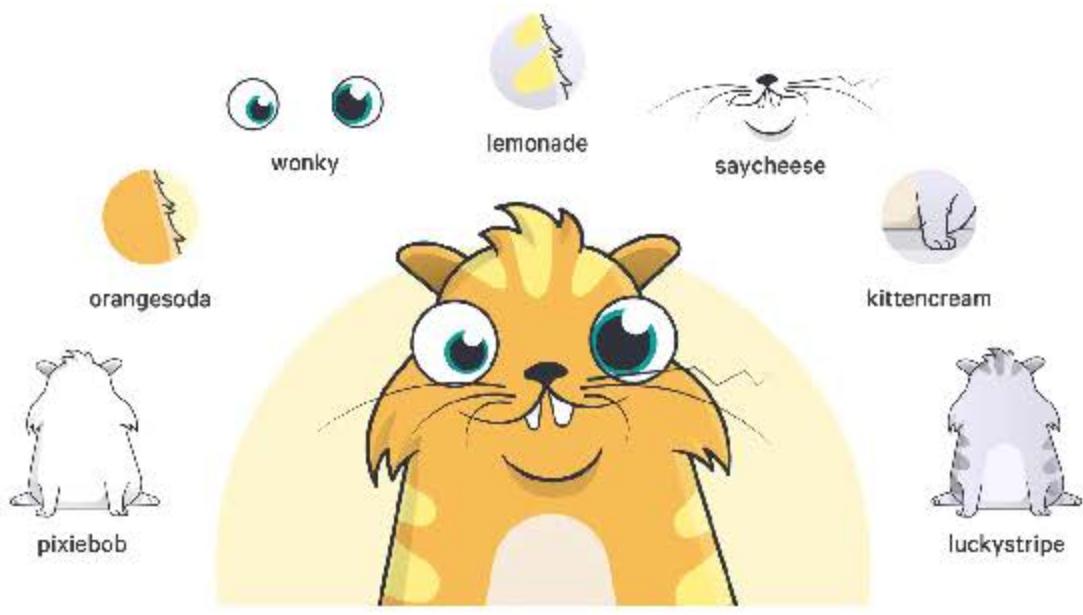
AMOUNT + GAS FEE

♦ 0.999275

\$2,331.82



ALERT: Insufficient funds.



COMPLETE

Art Blocks Curated

Fidenza

by Tyler Hobbs

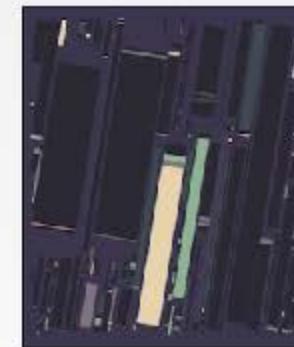
[Details](#) [All items](#)[Contract](#) [42](#)[Filter \(0\)](#)

999 items

Recently listed [Download CSV](#)

Scale

All



Turbulence

All

Colors

All

Have Margin

All

Spiral

#253

[Live view](#)

#517

[Live view](#)

#57

[Live view](#)

Price ⚡

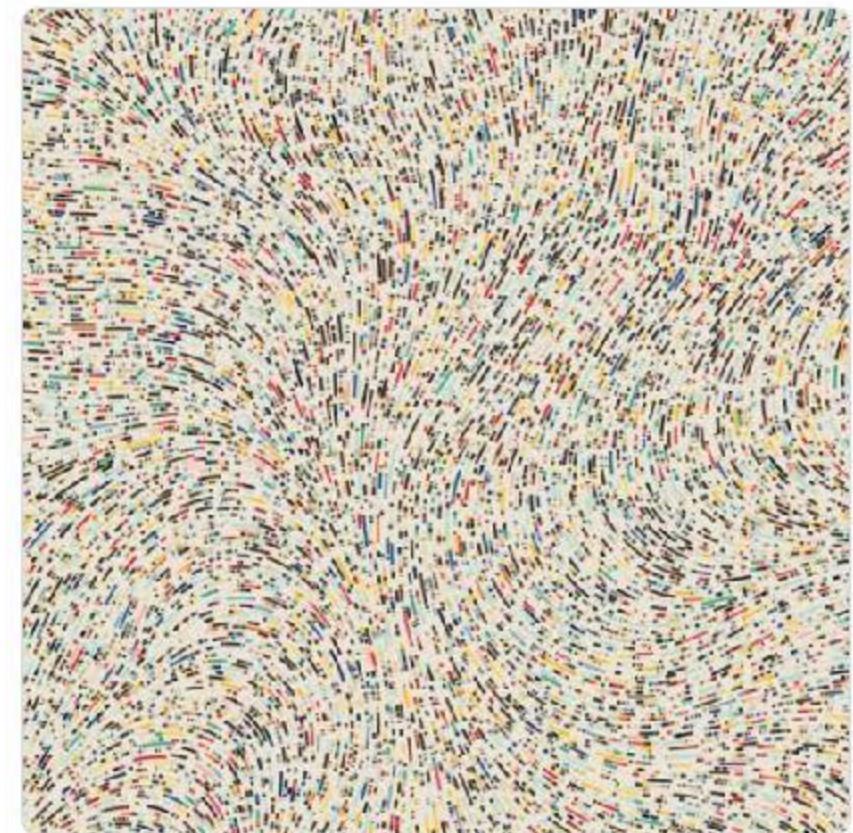
139 Ⓛ

Price ⚡

94.6 Ⓛ

Price ⚡

144.06 Ⓛ



11:35 AM - Feb 28, 2023

...

[892](#) [Reply](#) [Share](#)[Read 84 replies](#)

TECH / CREATORS / FEATURED STORIES

Beeple sold an NFT for \$69 million



Beeple's collage, *Everything: The First 5000 Days*, sold at Christie's. Image: Beeple

/ Through a first-of-its-kind auction at Christie's

By Jacob Kastrenakes, a deputy editor who oversees tech and news coverage. Since joining The Verge in 2012, he's published 6,000+ stories and is the founding editor of the creators desk.

Mar 11, 2021, 10:09 AM EST | L 0 Comments / 0 New



Until October, the most Mike Winkelmann — the digital artist known as Beeple — had ever sold a print for was \$100.

Today, an NFT of his work sold for \$69 million at Christie's. The sale positions him “among the top three most valuable living artists,” according to the auction house.

The record-smashing NFT sale comes after months of increasingly valuable auctions. In October, Winkelmann sold his first series of NFTs



Bored Ape Yacht Club



By NullAddress

Items 9,998 · Created Apr 2021 · Creator earnings 2.5% · Chain Ethereum · Category PFPs

The Bored Ape Yacht Club is a collection of 10,000 unique Bored Ape NFTs—unique digital collectibles livin... See more

1,308,737 ETH 25.999 ETH 24.8462 WETH 2% 5,533 55%
total volume floor price best offer listed owners unique owners



4746

Last sale: 199 ETH

9371

Last sale: 199 ETH

9207

Last sale: 198.69 ETH

2731

Last sale: 198.69 WETH

2335

Last sale: 196.11 WETH

9665

Last sale: 195 WETH

5

Last sale: 194.2 ETH



1536

Last sale: 194 ETH

3009

Last sale: 193 ETH

7156

Last sale: 192 WETH

34

Last sale: 192 ETH

3781

Last sale: 190 ETH

3824

Last sale: 190 ETH

8590

Last sale: 190 WETH



Doodles

By Doodles_LLC

Items 9,998 · Created Oct 2021 · Creator earnings 5% · Chain Ethereum · Category PFPs

A community-driven collectives project featuring art by Burnt Toast. Doodles come in a joyful range of ... [See more](#)

289,763 ETH
total volume

1.249 ETH
floor price

1.168 WETH
best offer

2%
listed

5,611
owners

56%
unique owners



Doodle #2950 # 326

Last sale: 41.25 ETH



Doodle #44... # 1,208

Last sale: 41 ETH



Doodle #87... # 4,279

Last sale: 41 WETH



Doodle #35... # 3,885

Last sale: 41 ETH



Doodle #7231 # 14

Last sale: 10 ETH



Doodle #7276 # 240

Last sale: 40 ETH



Doodle #2401 # 130

Last sale: 40 ETH



Doodle #93... # 4,295

Last sale: 41.25 ETH



Doodle #2197 # 26

Last sale: 41 ETH



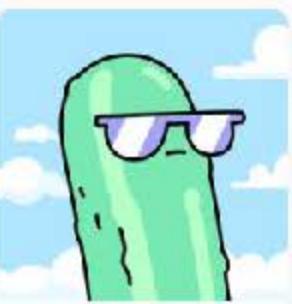
Doodle #3168 # 419

Last sale: 41 ETH



Doodle #239 # 2,264

Last sale: 41 ETH



Doodle #8293 # 119

Last sale: 41 ETH



Doodle #1099 # 7

Last sale: 40 ETH



Doodle #6811 # 1,024

Last sale: 40 ETH

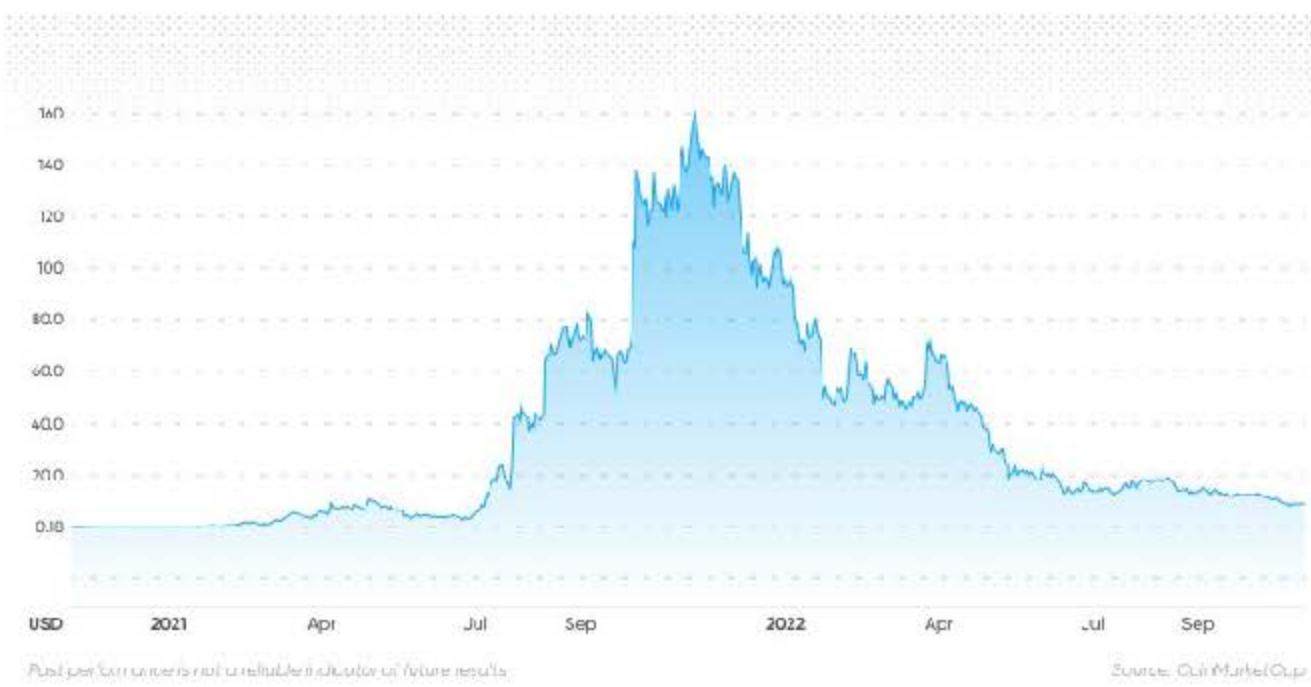


Axie Infinity - GameFi



#3045 ORIGIN Axie #3045 Breed count: 0	 Ξ 1.075 \$651.58
#1810 ORIGIN Axie #1810 Breed count: 0	 Ξ 1.125 \$681.88
#1816 ORIGIN Axie #1816 Breed count: 0	 Ξ 1.2636 \$765.89
#3077 ORIGIN Axie #3077 Breed count: 0	 Ξ 1.45 \$875.87

Axie Tokenomics



Past performance is not a reliable indicator of future results.

Source: CoinMarketCap

CyberKongz - DeFi



Sith #1000
1,000 ETH
Last sale: 100 FTH



CyberKong #579
212 ETH



Genny Chez 146 #146
111 ETH
Last sale: 22 WFTH



CyberKong #796
45 ETH
Last sale: 4.50 FTH



CyberKong #242
18.8 ETH
Last sale: 3.91 WETH



Ragnar #71
13 ETH



Blue #851
10 ETH
Last sale: 10.5 ETH



CyberKong #145
9.0 ETH
Last sale: 95 WETH

GENESIS KONGZ

OG Collection | Total Supply: 1000

Current Utility

- Yields 10 \$BANANA per day.
- Hold two and burn 600 \$BANANA to create a Baby Kong Incubator.
- Unlocks ALL Kongz Discord Channels.
- Customize Name & Bio using \$BANANA

BABY KONGZ

Total Supply: 4000

Current Utility

- Customize Name & Bio using \$BANANA.
- Unlock Wall St Kongz Discord Channel.
- Can claim a free Cyberkongz UX if it hasn't been claimed yet.
- Further utility coming soon...

CYBERKONGZ VX

3D Collection | Total Supply: 15,000

Current Utility

- 3D Avatars for the Metaverse!
- Unlocks the Verified Lounge Discord Channel.
- Can be downloaded and used in 3D scenes or 3D Printed with commercial rights included!

Clone X –Takashi Murakami



CloneX #9255

40 ETH

[Buy now](#)

CloneX #6731

30.90 ETH

Last sale: 45 ETH



CloneX #2846

30.05 ETH

Last sale: 50 ETH



CloneX #5287

36 ETH

Last sale: 50 ETH



CloneX #7857

35.5 ETH

Last sale: 38.42 FTH



CLONE X MINT VIAL



CLONE X MINT VIAL



CloneX #2655

35 ETH



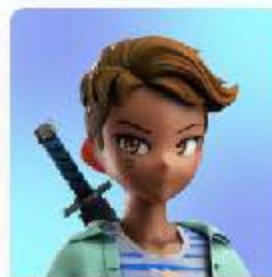
CloneX #8215

33 ETH



CloneX #1295

30 ETH



CloneX #1323

30 ETH

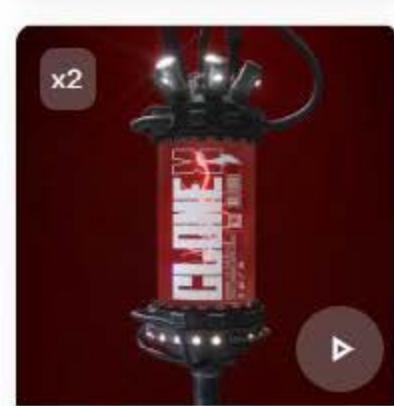
Last sale: 3.2 WETH



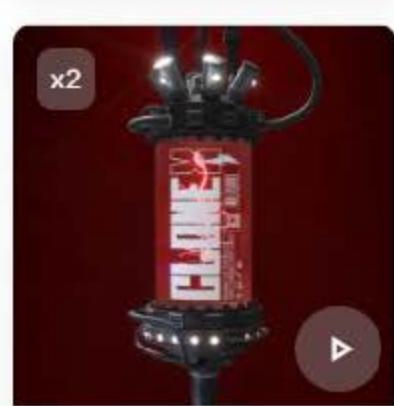
CloneX #15439

30 ETH

Last sale: 15.89 ETH



CLONE X MINT VIAL



CLONE X MINT VIAL



<https://opensea.io/assets/ethereum/0x348fc118bcc65a92dc033a951af1>

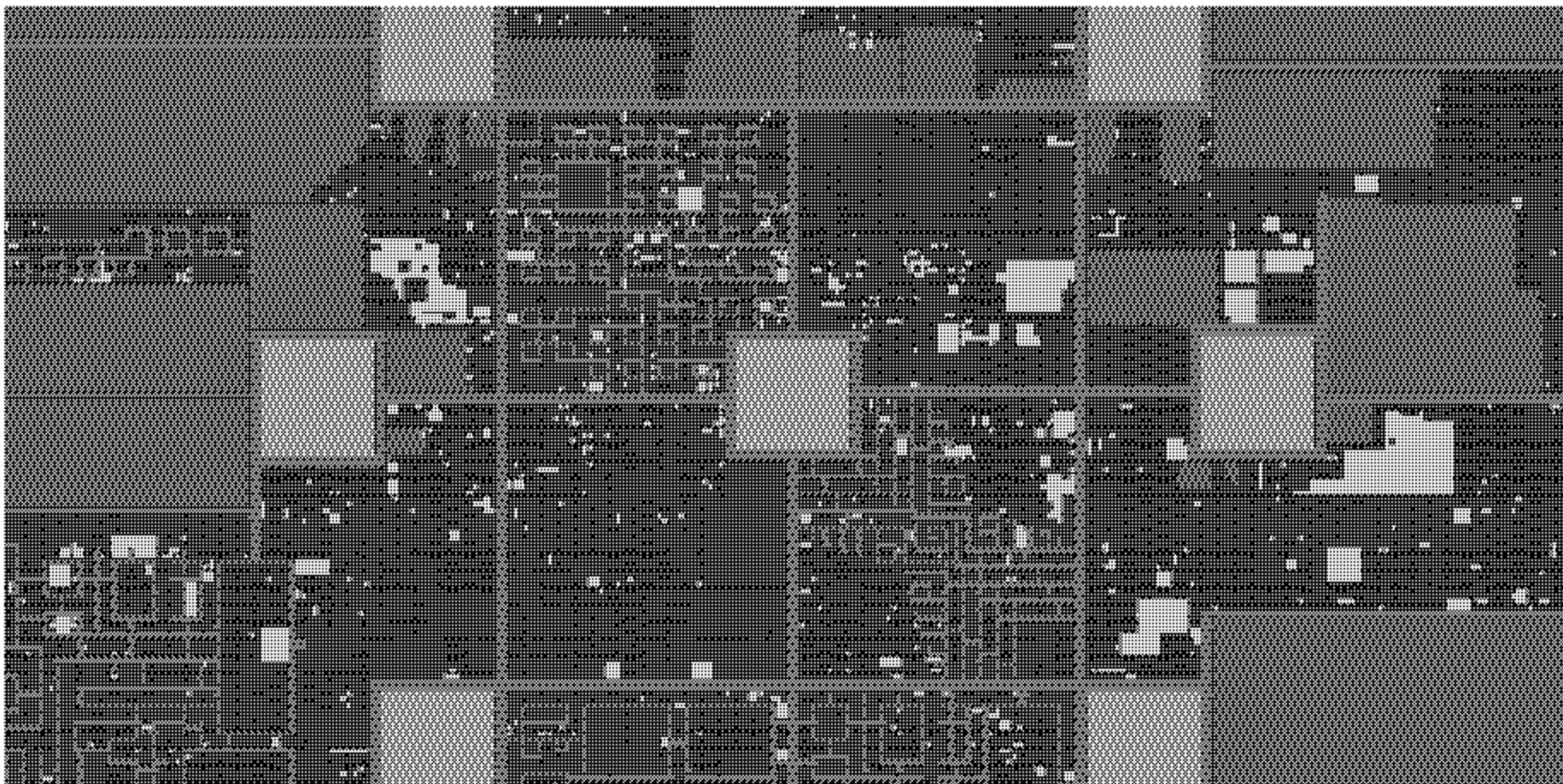
Last sale: 33.3 ETH

Last sale: 33 ETH

RTFKT + NIKE

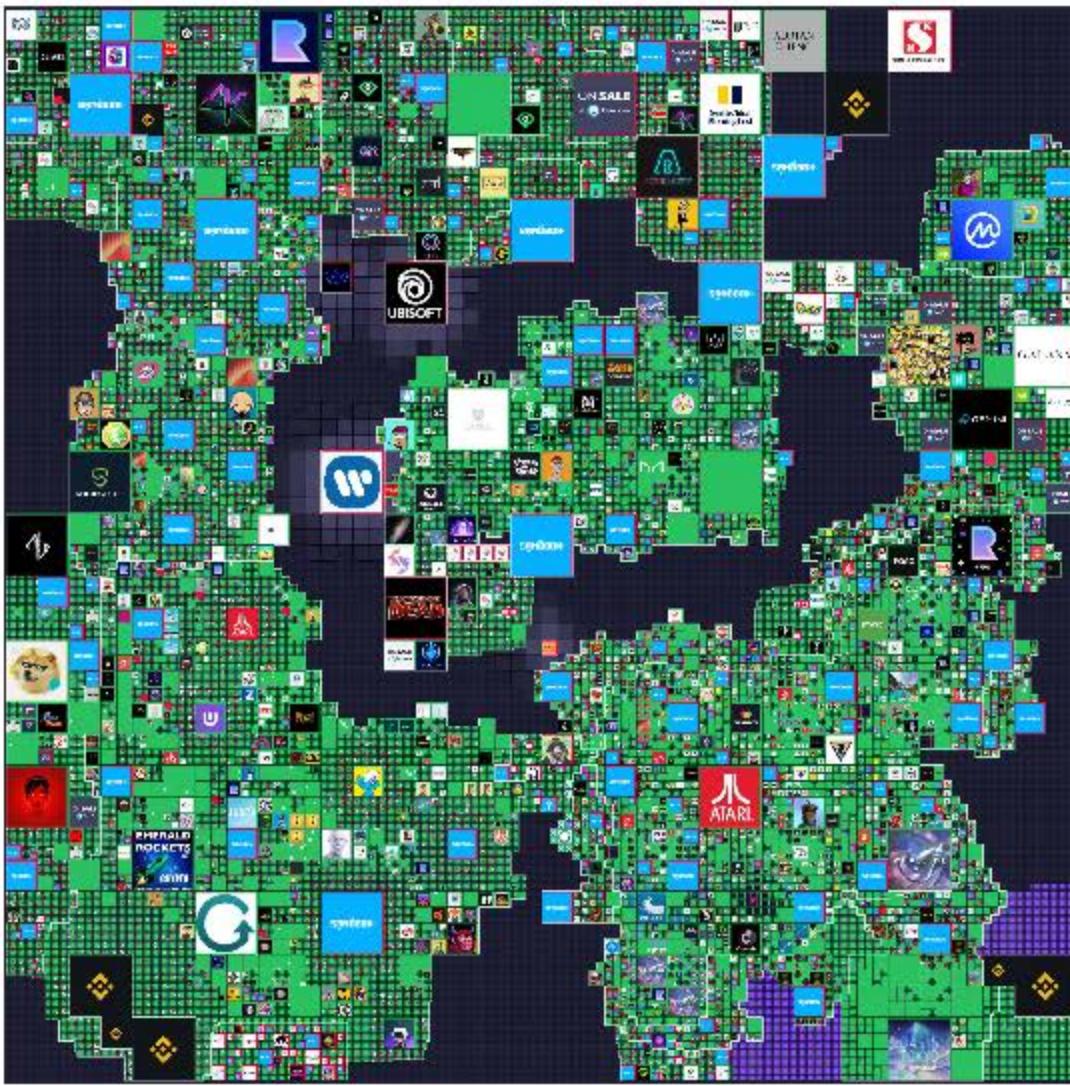


Decentraland - Metaverse



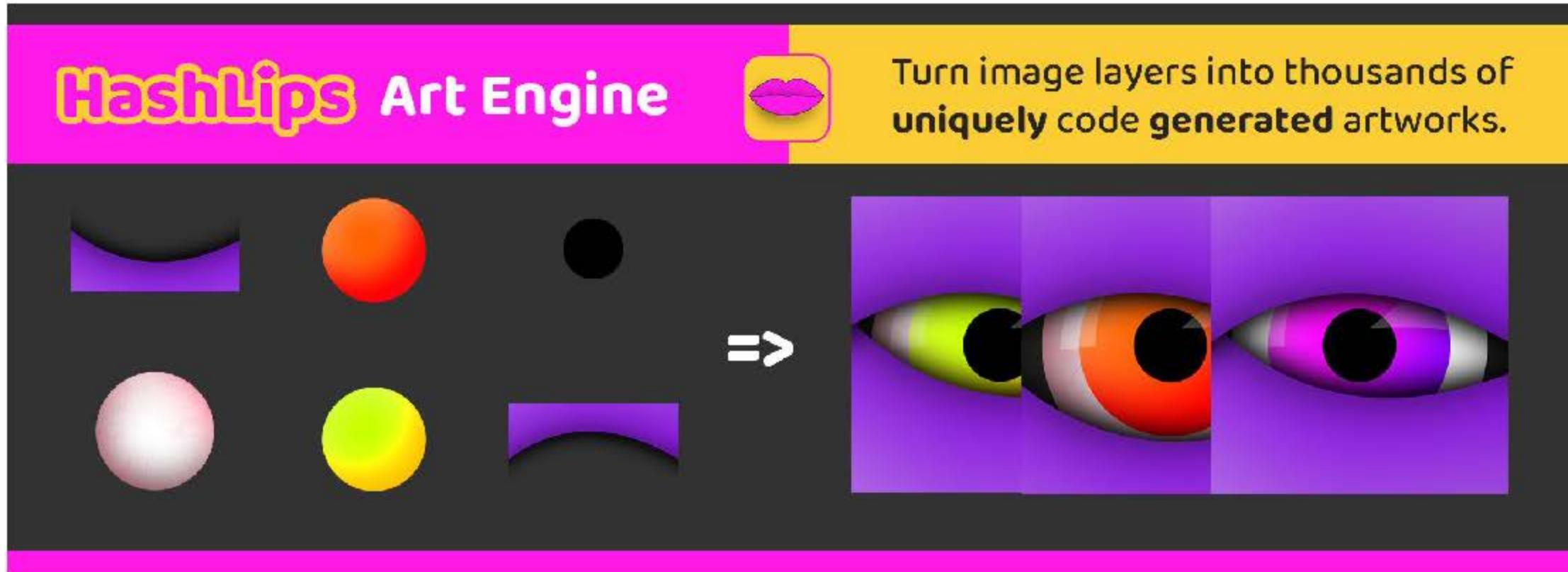
<https://youtu.be/fS1VXnzckIU>

Sandbox - Metaverse

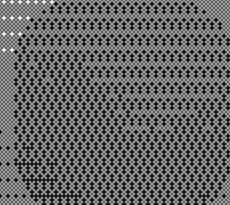
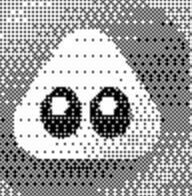


Generate 1000 NFTs

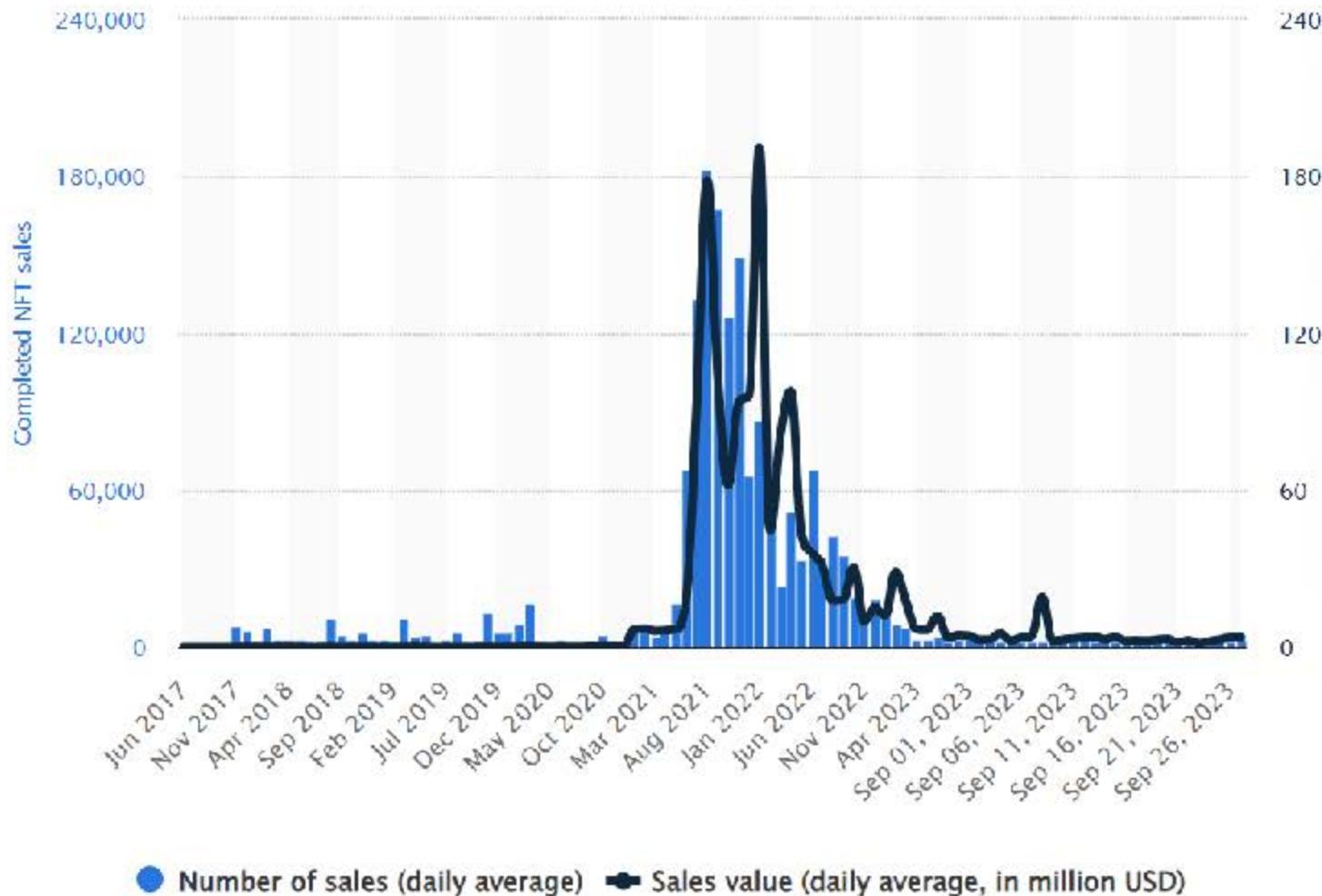
https://github.com/HashLips/hashlips_art_engine



**Wallets for
storing
NFTs safely**



NFT sales on Ethereum Blockchain





Algorand PPoS Consensus

- Scalable 6000 TPS, billions of users
- Fast < 3.9 s per block
- Secure 0 downtime for over 23M blocks
- Low fees 0.001 ALGO per txn
- No Soft Forks prob. $< 10^{-18}$
- Instant Transaction Finality
- Carbon neutral
- Minimal hardware node requirements
- No delegation or binding of the stake
- No minimum stake
- Secure with respect DDoS
- Network Partitioning resilience



Silvio Micali

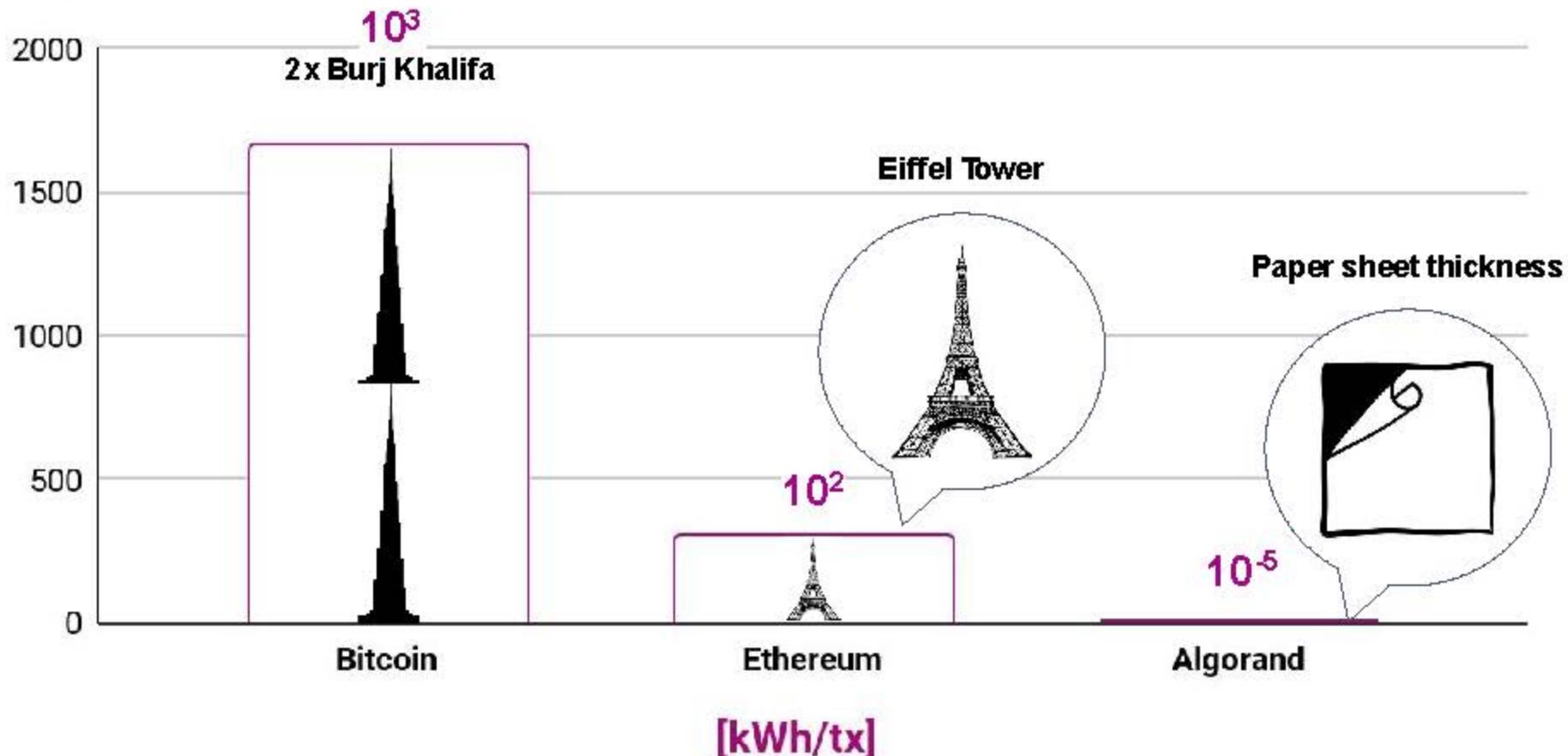
Algorand Founder

Professor MIT, Turing Award, Gödel Prize

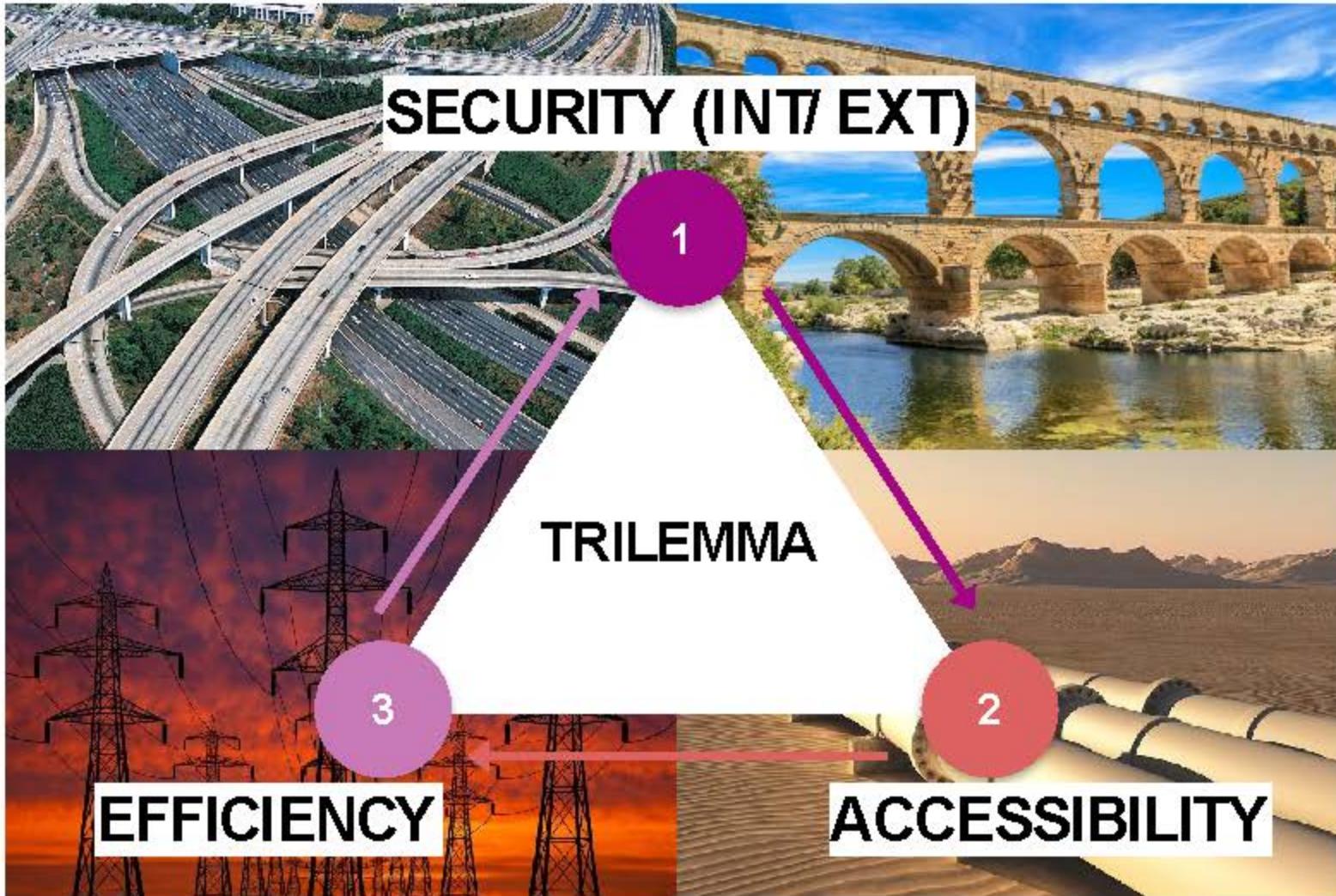
A matter of orders of magnitude (PoW vs PPoS)

Energy per transaction

*Algorand transactions are 100% final



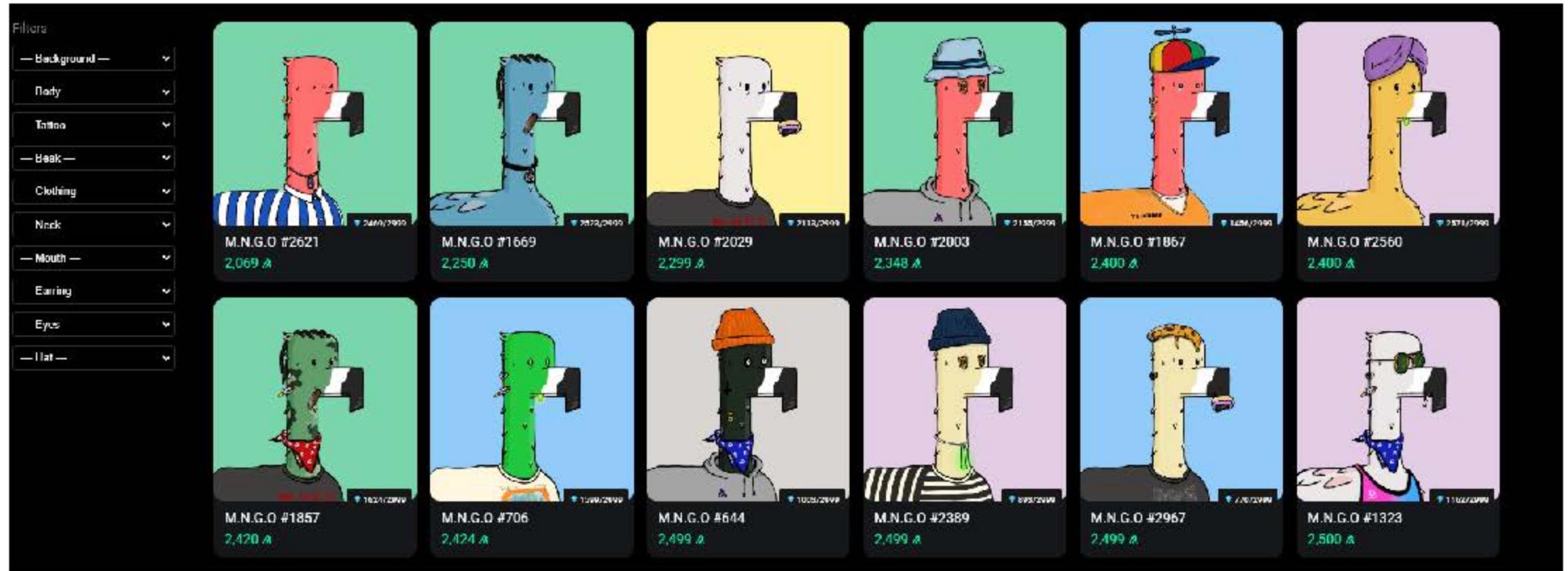
The *infrastructure trilemma*



Public or private? Who has the control? Duty and responsibility? Aligned incentives?

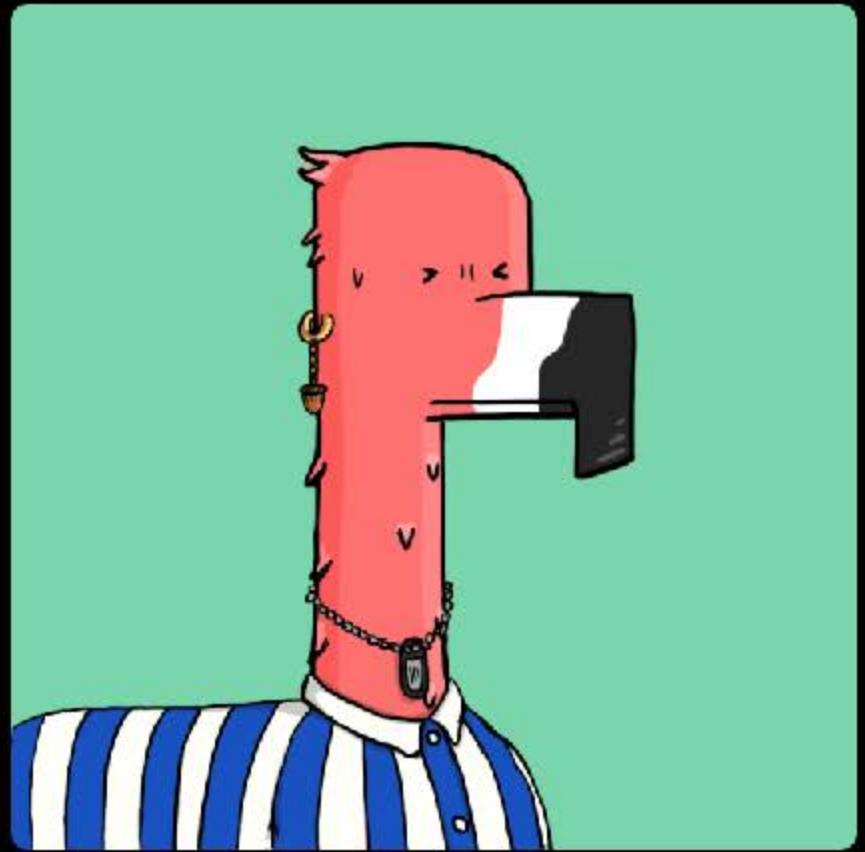
M.N.G.O

<https://www.randgallery.com/collection/mngo/>



R&

542/8136



M.N.G.O #2621

MNGO2621 05927013E

2,069 A

Includes 5% royalty for M.N.G.O.

<http://www.mngo.xyz>

Rarity: 2,469 of 2,999

Rarity Score: 109.708

CLOTHING	EARRING	EYES	NECK	BACKGROUND	BODY	MOUTH
Pyjamas	Acorn	Wince	Dog Tags	Green	Classic Pink	Standard
3.2% (95x)	4.3% (128x)	4.6% (145x)	5.4% (161x)	10.1% (542x)	46.3% (1,369x)	49% (1,469x)

Make offer

Creator: M.N.G.O.

MNGOZ0JAS0C40TG0Q5NVAQUEZII74CAZY52L0EZC7E0QDFTZONLQ/PXIJRIIC

Minled: 1

Indivisible +

[View 1 folder](#)



AI Goanna

<https://www.randgallery.com/collection/al-goanna/>



MARKETPLACE

Newest

e.g. "Netherlands" or "USA"



Price Range

Low

US\$0

High

US\$100,000

APPLY

Rarity

COMMON

RARE

EPIC

ICONIC



ITALY

1994 FIFA World Cup USA™
ITA 2 - 1 ESP, Goal: Dino Baggio 25'

Epic

FIFA Archives Drop

Starting at:

\$24.00



FRANCE

FIFA Women's World Cup Germany 2011™
ENG 1 - 1 FRA, Goal: Elise Bussaglia 88'

Epic

FIFA Archives 2 Drop

Starting at:

\$21.00



URUGUAY

1990 FIFA World Cup Italy™
KOR 0 - 1 URU, Goal: Daniel Fonseca 90+1'

Epic

Curator Collection - South American Flair

Starting at:

\$16.33





NXTG3NZ the NFT phygital collection by Lil Durk

Revolutionizing footwear through NFTs. Co-Founded by hiphop star Lil Durk.

The NXT-Generation of Phygital footwear by Lil Durk.

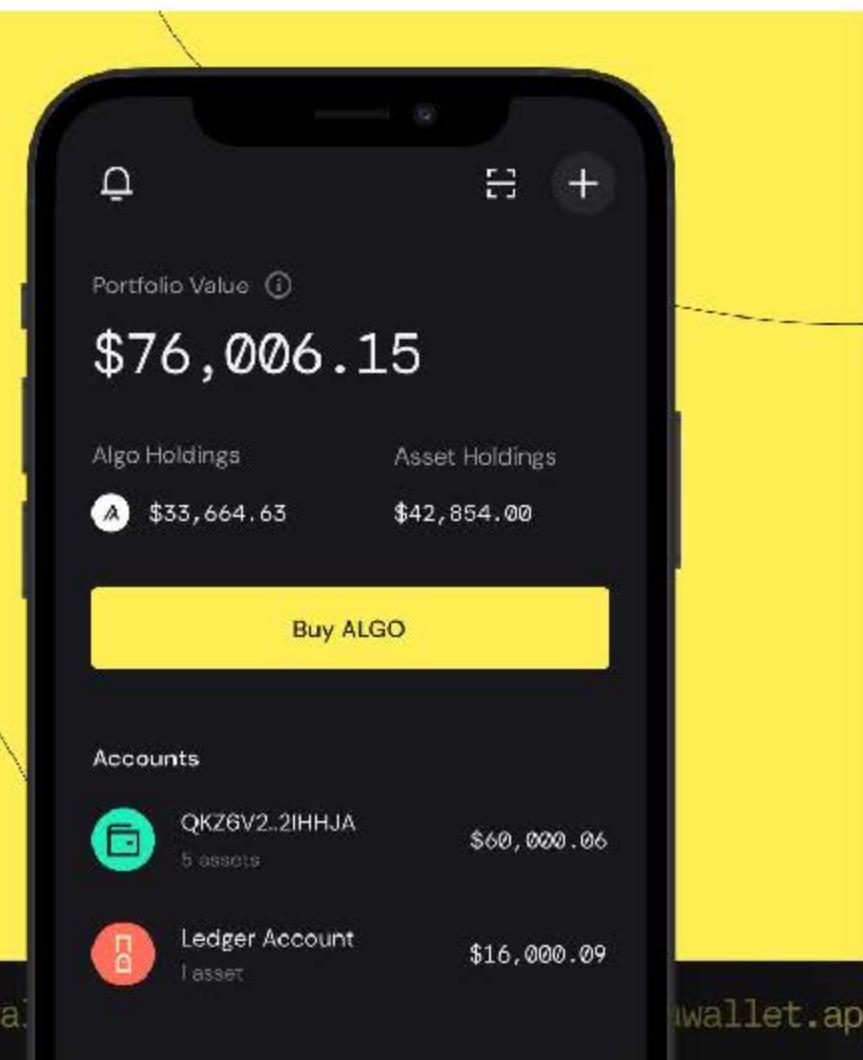
Learn More →

Pera Wallet

<https://perawallet.app/>



Simply the best
Algorand wallet.



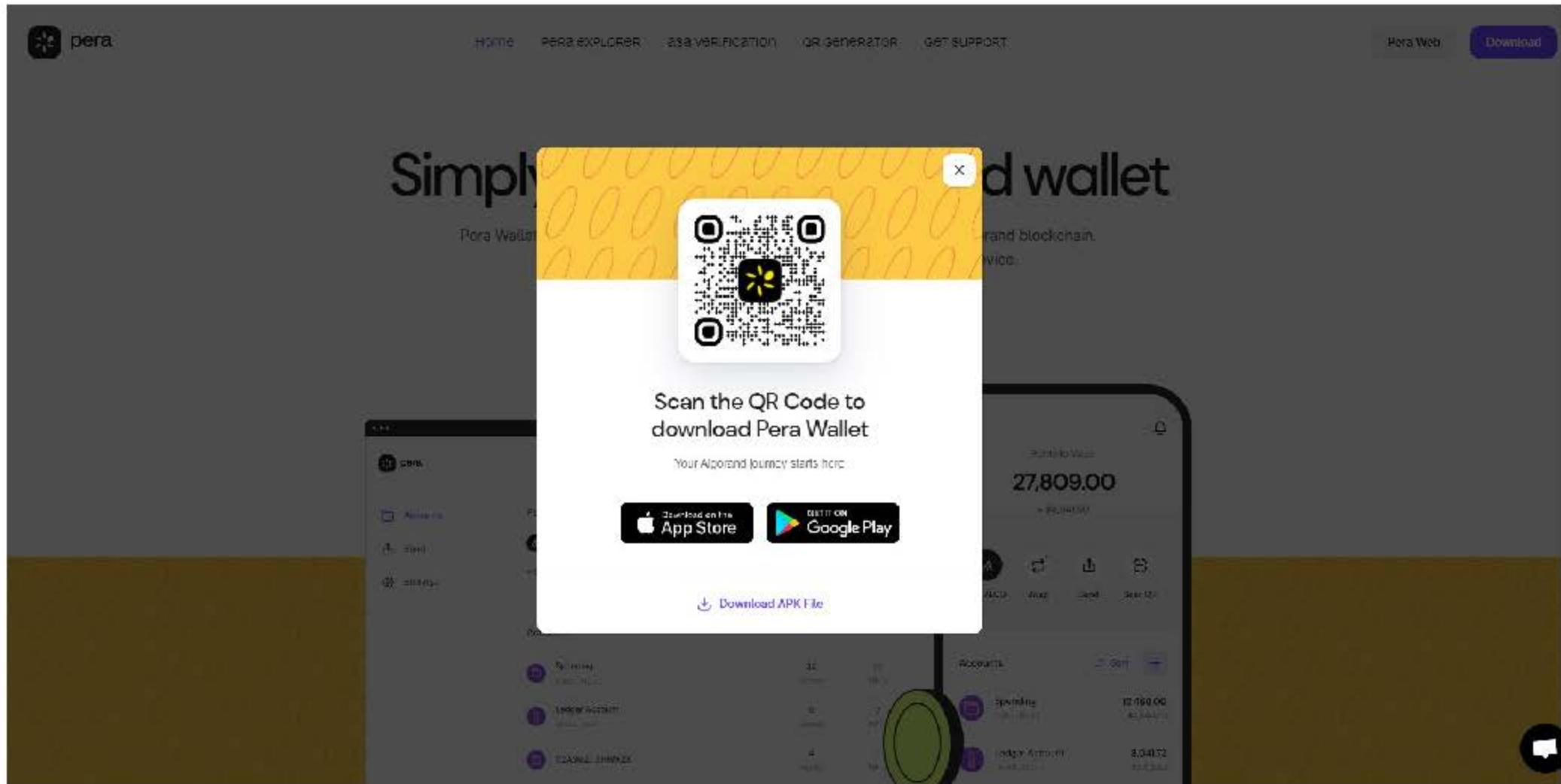
app / perawallet.app / perawallet.app / perawallet.app / perawa

wallet.ap

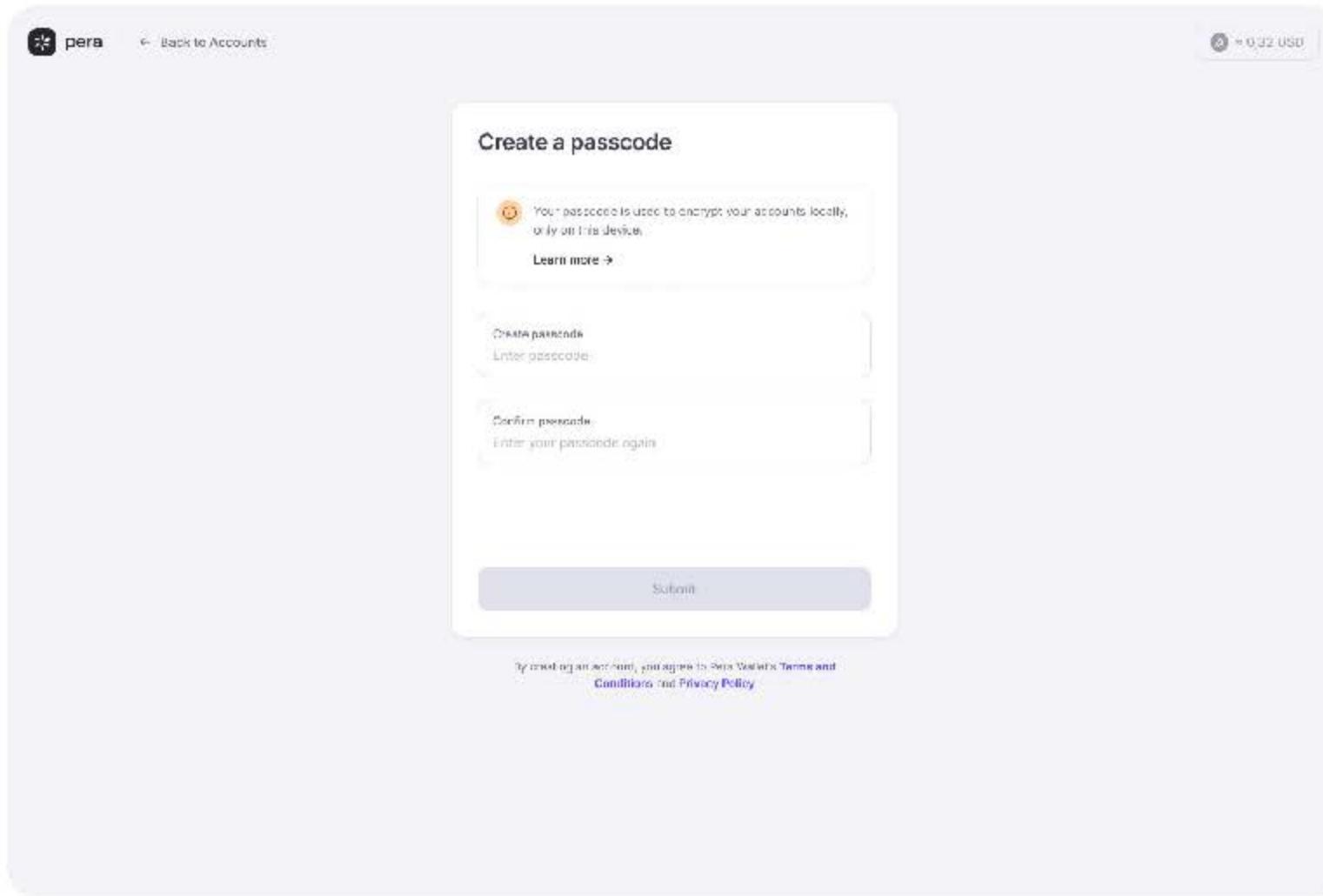
<https://testnet.explorer.perawallet.app/accounts/TUCRTJANMRRSHVX5R7YMCTILE7PJLYBYA4XA0526QUGOZOYID7HXZY5UO4/>

Pera Wallet

<https://perawallet.app/>



Pera Passcode



Passphrase



Back up your passphrase

Your 25 word passphrase is the key to this account. Without it, you cannot recover the account or its funds and assets.

Please ensure you have stored the passphrase securely before proceeding, or you risk losing access to this account in future.

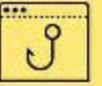
1 grain	9 dice	17 math
2 cattle	10 where	18 there
3 welcome	11 camera	19 field
4 drive	12 blood	20 rival
5 disease	13 throw	21 aside
6 glove	14 junior	22 fiber
7 that	15 grape	23 bid
8 century	16 bleak	24 about
		25 hole

 Copy passphrase

I have backed it up

9 SECURITY TIPS

For Your Crypto Wallet

 1. Don't Put All Eggs in One Wallet. Also Use Cold Storage	 2. Be Careful With Your Mobile Device	 3. Service Safety	 4. Always Backup Your Wallets	 5. Beware of Phishing Scams
 6. Double-Check the Addresses	 7. Check the Locks	 8. Avoid Storing a Large Portion of Your Crypto on Exchanges	 9. Keep Your Holdings Private	 CryptoPobabe

How to safely store your key



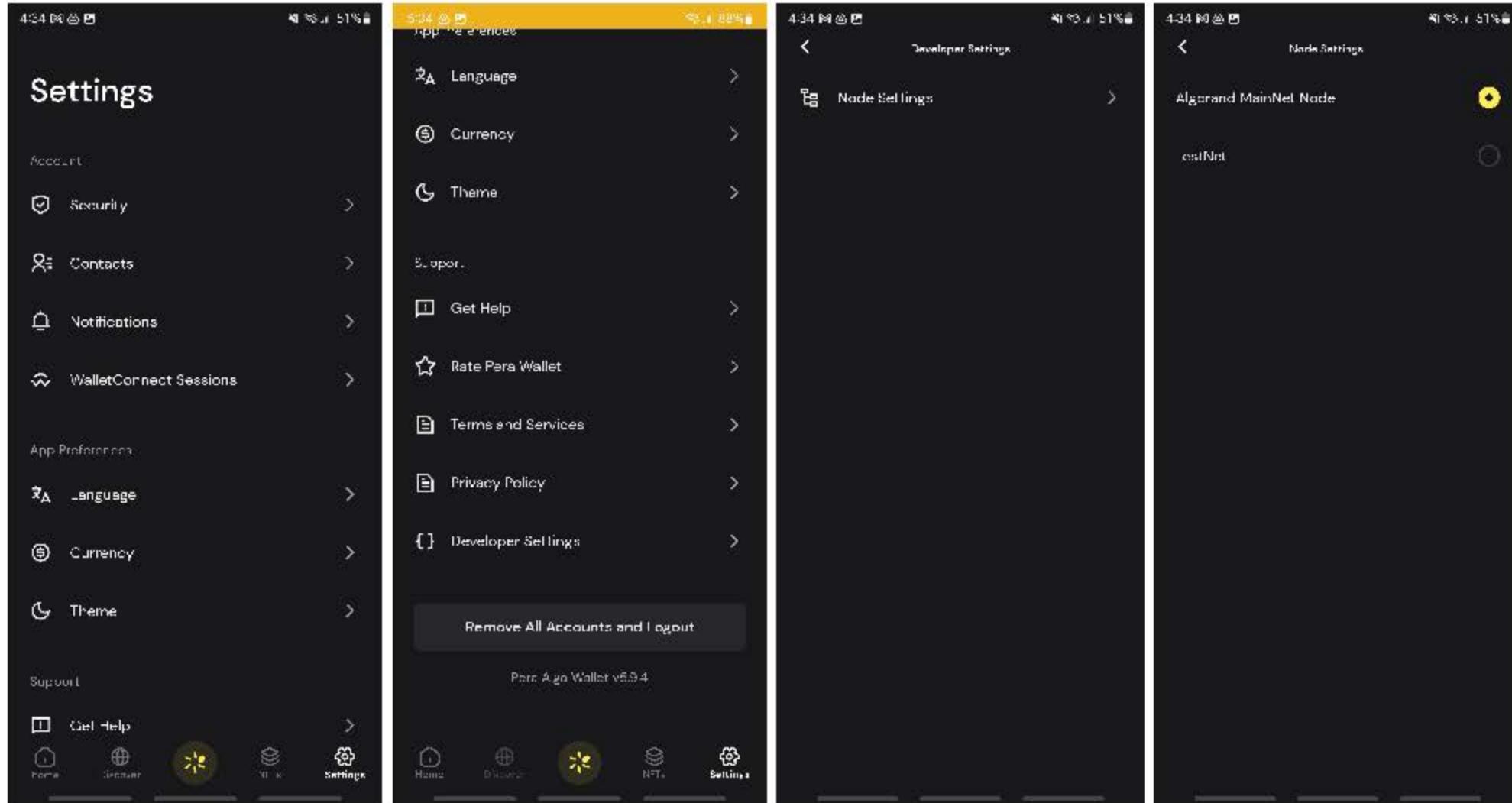
- Hardware Wallet (Trezor)
- Metal (CryptoSteel)
- Safe
- Do not store on Google Cloud
- Do not screenshot
- Do not email

Mint NFT on Algorand TestNet

Switch Algorand network to TestNet



- Go to Settings
- Scroll down to Developer Settings
- Select Node Settings
- Select TestNet



Algo Faucet

<https://testnet.algoexplorer.io/dispenser>

The screenshot shows the Algo Explorer Testnet Dispenser interface. At the top, there is a navigation bar with links for 'Search by Address / Tx ID / Global Tx ID / Token / Asset Name / Asset ID / App ID', a search bar, and a 'Testnet' button. Below the navigation is a header for 'Algorand Testnet Dispenser'. A form for entering a 'Target Address' is present, with a dropdown set to 'ALGOS' and a text input field containing the address '1UCR1JANMRRS1IVXSR/YMCTILL/PJLYUYA4XA0526QUGOZOYID/HXZY5U'. To the right of the input field is a blue 'Dispense' button. Below the form, a 'Status' section displays a green checkmark followed by the message 'Status: 10 Algos were successfully dispensed' and the 'Transaction ID: VVV77HTY5YXFGRPFW47DKYV7OC6XDGGM7RQJ3X63YVO643I26NAA'.

AlgoExplorer
Algorand Blockchain Explorer

Search by Address / Tx ID / Global Tx ID / Token / Asset Name / Asset ID / App ID

Testnet

Algorand Testnet Dispenser

Target Address

ALGOS

1UCR1JANMRRS1IVXSR/YMCTILL/PJLYUYA4XA0526QUGOZOYID/HXZY5U

Dispense

Status

✓ Status: 10 Algos were successfully dispensed

Transaction ID: VVV77HTY5YXFGRPFW47DKYV7OC6XDGGM7RQJ3X63YVO643I26NAA

AlgoExplorer

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Organization

Rand Labs

Algorand

Algorand Foundation

Contact Us

Tools

MyAlgofi Wallet

Regulation System



Algorand Account Overview

Online • Offline

Address

Copy

1UORJUNMRRSHVXSR7YMC1LE/PILYBVAMXADS26QUQGOZOYD/HXZYSJCA

Balances

฿ 59.993

Assets

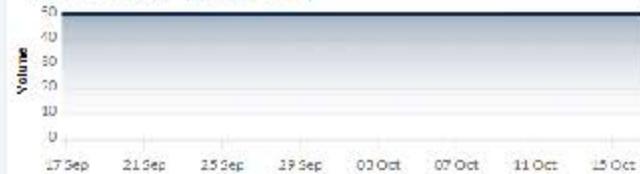
8

Apps

0

BALANCE HISTORY

10



Transactions

Assets

Tool

Apps

Filter

All

Show Event Updates

1 of 2

TxID	Block	Age	From	To	Amount	Fee	Type
VVV72HTY3YXEGR7EW4...	33815354	1 min ago	DISPERSTMINYKOMOKSH...	1UORTIANMRRSHVXSR7Y...	฿ 20	฿ 0.001	Transfer
LZHNUW0KOKQ4HAZF...	28577769	206 days ago	1UORTIANMRRSHVXSR7Y...	Asset 168362178		฿ 0.001	Config
6CCIRVO2VUSOJYSPZIAM...	20579742	206 days ago	1UORJUANIMRISIVXSIVY...	Asset 168361730		฿ 0.001	Config
LAHZQHABQHABQH2RL...	20579743	206 days ago	1UORJUANIMRISIVXSIVY...	Asset 168361730		฿ 0.001	Config
TMKRSYUXNSP1A7NVAJ0...	28579765	206 days ago	1UORTIANMRRSHVXSR7Y...	Asset 168361730		฿ 0.001	Config
L7HNZKPEZHQ3KRHTENT...	28579762	206 days ago	1UORTIANMRRSHVXSR7Y...	Asset 168360537		฿ 0.001	Config
ITZQU4FXWD8BXLT4C4...	28579747	206 days ago	1UORTIANMRRSHVXSR7Y...	Asset 168360534		฿ 0.001	Config

Dappflow

<https://app.dappflow.org>

The screenshot displays the Dappflow dashboard interface. On the left is a sidebar with a navigation menu. The main area contains several cards, each representing a different tool or service provided by Dappflow.

Dashboard Sidebar:

- Algorand mainnet
- Home
- Resources
- Explorer
- Asset Manager
- App Manager
- Beaker Studio
- ABI Studio
- Tool Script
- Node Manager
- KMD Portal
- Developer API
- Dev Wallets
- Composer
- Advanced search
- My Settings

Connected wallet:

Dashboard Content:

- Explorer**: Explore on-chain data by connecting to any public node. All networks are supported including your localhost sandbox environment.
- Asset manager**: Easy way to manage your assets. Just connect your wallet to Create, Opt-in, Send, Modify, Freeze, Unfreeze assets, Mint ARCS, ARCB/NFTs.
- App manager**: Manage applications of your wallet. You can create an application, view list of apps deployed by your wallet and its metadata.
- Beaker studio**: One stop solution to View, Deploy and Invoke your beaker applications, view global and local storage, Approval & Clear program, including ABI.
- ABI studio**: Do you have ABI generated by PyTeal/Beaker/TonScript or any other framework? Just Import and see the magic yourself :)
- Teal Script**: IDE to write your smart contracts using TealScript(Typescript). Compile, Deploy, Invoke, Simulate etc.. All in one portal.
- KMD Portal**: Manage your KMD wallets & accounts in one single dashboard.
- Node Manager**: View your connected node configuration and network details including planned upgrades and catchup details.
- Composer**: Compose your atomic transactions with intuitive transaction builder.
- Developer API**: Explore Algod and Indexer REST API's using swagger interface.

Algonode testnet

[Home](#) [Resources](#)[Dashboard](#)[Explorer](#)[Asset Manager](#)[App Manager](#)[Beaker Studio](#)[ABI studio](#)[Tool Script](#)[Node Manager](#)[KMD Portal](#)[Developer API](#)[Dev Wallets](#)[Composer](#)[Advanced search](#)[My Settings](#)

Explorer

Explore on-chain data by connecting to any public nodes. All networks are supported including your local test/sandbox environment.

Asset manager

Easy way to manage your assets. Just connect to the network and start creating, Modify,

App manager

Manage applications of your wallet. You can create an application, view list of apps deployed by your wallet and its metadata.

Beaker studio

One stop solution to View, Deploy and Invoke your beaker applications, View global and local storage, Approval & Clear program including ABI.

ABI studio

Do you have ABI generated by Pyteal/Beaker/TealScript or any other framework? Just import and see the magic yourself :)

AlgoSigner

MyAlgo Wallet



Pera Wallet



Defly Wallet



Dev Wallet



KMD Portal

Manage your KMD wallets & accounts in one single dashboard

Node Manager

View your connected node configuration and network details including planned upgrades and notches details.

Composer

Compose your atomic transactions with intuitive transaction builder.

Explore Algod and Indexer REST APIs using swagger interface.

[Connect wallet](#)

Algorand testnet

[Home](#) [Resources](#)[Dashboard](#)[Faucet](#)[Asset manager](#)[App manager](#)[Beaker studio](#)[ABI studio](#)[Node Manager](#)[KvDB portal](#)[Advanced API](#)[Transactions](#)[DApps](#)[Advanced search](#)[My settings](#)[Explorer](#)[Pera Connect](#)[Asset manager](#)[App manager](#)[Beaker studio](#)

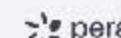
Simply connect directly connecting to public node. All networks are supported including your own custom blockchain environment.

[ABI studio](#)

Do you have ABI generated by Tyche/Benji/Tealor or any other framework? Just import and use the most up-to-date ABI yourself!

[Composer](#)

Compose your complex transactions with a few simple steps.



Simply the best Algorand wallet.

[Connect With Pera Web](#)[Connect with Pera Mobile](#)[Don't have Pera Wallet app?](#)[Download Pera Wallet](#)

FEATURES

- Connect to any Algorand dApp securely
- Your private keys are safely stored locally
- View NFTs, buy and swap crypto and more

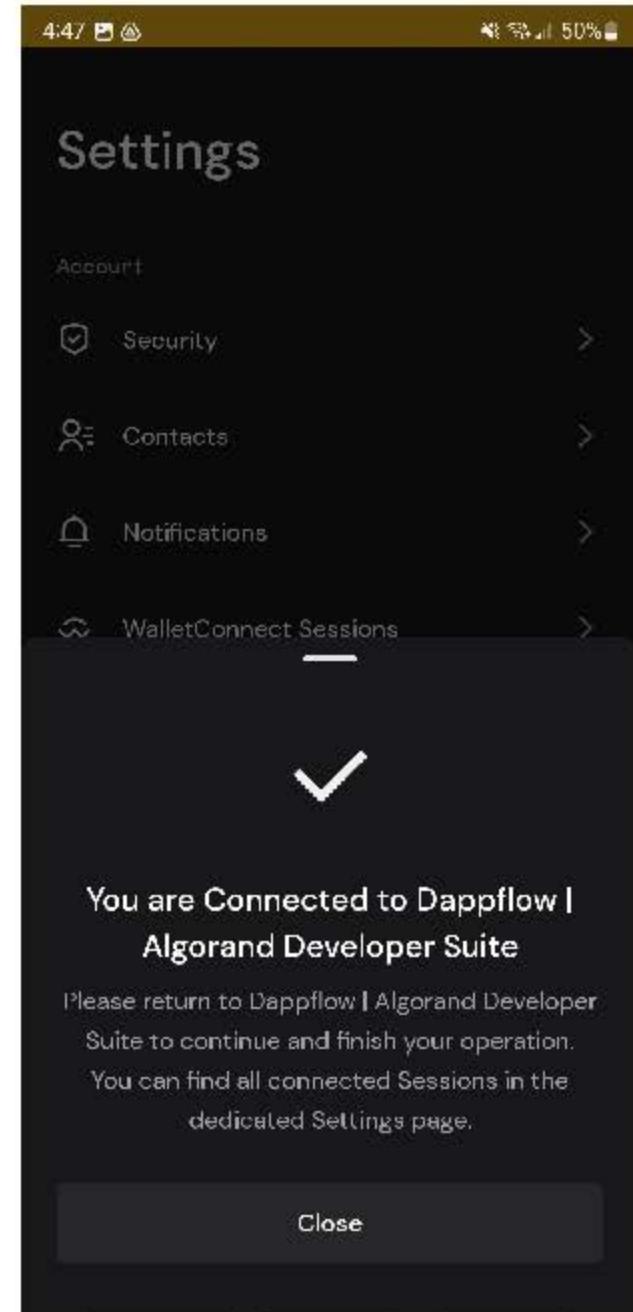
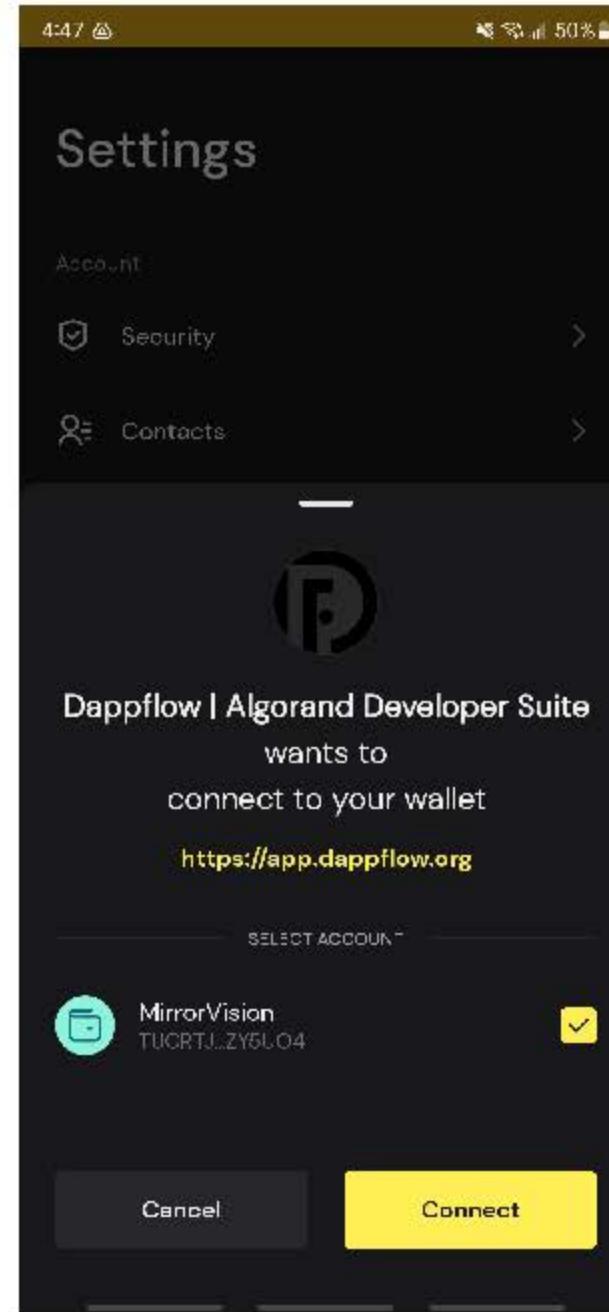
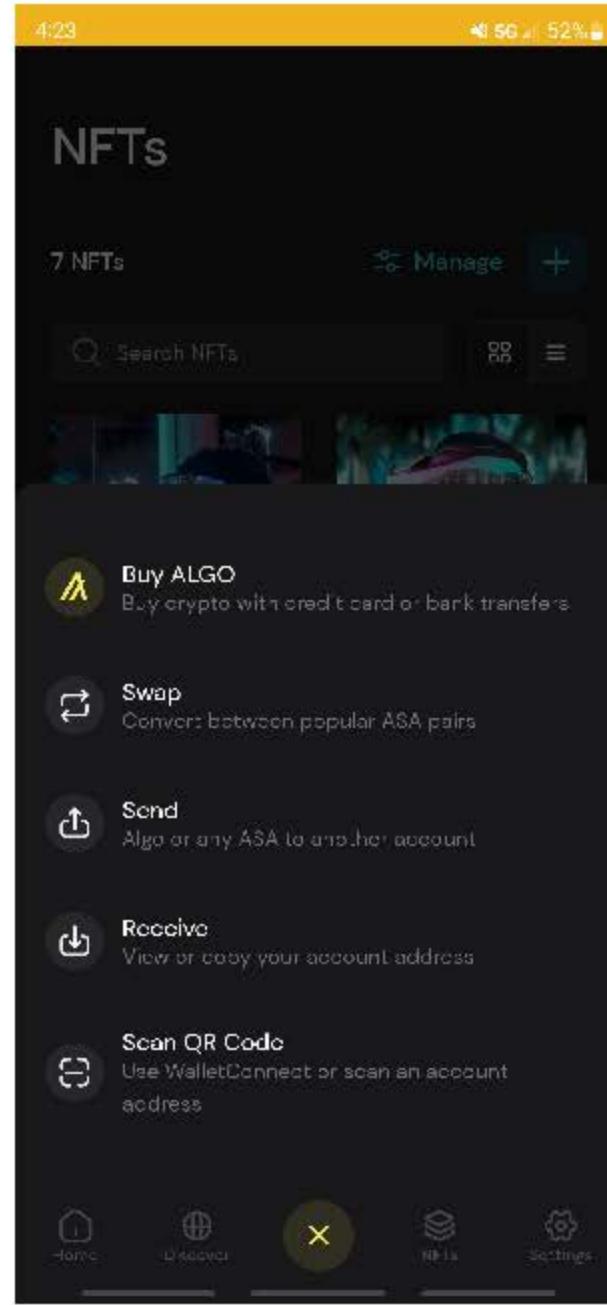
Create and build your own decentralized applications, dApps, and more using your blockchain applications like a global and decentralized network. Allowing you to earn passive income including XY

[Node Manager](#)

View your connected node configuration and transaction details including pending, unconfirmed, and successful details.

[Connect wallet](#)

- Yellow button
- Select Scan QR code
- Connect



Asset manager

Algonode testnet

Dashboard

Explorer

Asset Manager

App Manager

Beaker Studio

ABI Studio

Tool Script

NFTs Manager

KMD Portal

Developer API

Dev Wallets

Composer

Advanced search

My Settings

Created Opted

Mint NFT

Create asset

Algorithmic Eyewear #44

ID	Total supply
166362178	1 ALGOEYE
Manager	Reserve
<None>	<None>
Freeze	Clawback
<None>	<None>

Algorithmic Eyewear #48

ID	Total supply
166361730	1 ALGOEYE
Manager	Reserve
<None>	<None>
Freeze	Clawback
<None>	<None>

Algorithmic Eyewear #34

ID	Total supply
166361376	1 ALGOEYE
Manager	Reserve
<None>	<None>
Freeze	Clawback
<None>	<None>

Algorithmic Eyewear #26

ID	Total supply
16636134	1 ALGOEYE
Manager	Reserve
<None>	<None>
Freeze	Clawback
<None>	<None>

Algorithmic Eyewear #25

ID	Total supply
166360537	1 ALGOEYE
Manager	Reserve
<None>	<None>
Freeze	Clawback
<None>	<None>

Algorithmic Eyewear #28

ID	Total supply
166360504	1 ALGOEYE
Manager	Reserve
<None>	<None>
Freeze	Clawback
<None>	<None>

Mirror Visionwear Prototypes

ID	Total supply
TUCRTJANMRRSHVX5R7YMC1L...	

Asset manager

Algonode testnet ▾

Created Opted

Mint NFT

Create asset

Saturn

NFT Standard

 ARCS ARCB

ID

4403867610

Manager

TUCRTJANMRRSHVX5R7YMCTILE...

Freeze

-None-

Swan and Eagle

ID

440926014

Manager

-None-

Freeze

-None-

Properties

Key

Value

+

Mint

Comeda

Total supply

8m20

Manager

TUCRTJANMRRSHVX5R7YMCTILE...

Freeze

-None-

Algorithmic Eyewear #48

Total supply

5/70

Manager

-None-

Freeze

-None-

Algorithmic Eyewear #34

Total supply

ID

Total supply

Algorithmic Eyewear #26

ID

Total supply

Algorithmic Eyewear #25

ID

Total supply

Algonode testnet

Created | Minted

Mint NFT

Create asset

Mint NFT

NFT Standard

 ARC3 ARC69

Name

M22

Unit name

Cluster

Description

M22 Globular Cluster

Uploading file to ipfs...



omeda

25520

Total supply

1 Galaxy

Manager

TUCKJANMRSHVXSR7MCTLE...

Reserve

TUCKJANMRSHVXSR7MCTLE...

Clawback

TUCKJANMRSHVXSR7MCTLE...

Algorithmic Eyewear #48

2750

Total supply

1 ALGOCYE

Manager

TUCKJANMRSHVXSR7MCTLE...

Reserve

TUCKJANMRSHVXSR7MCTLE...

Clawback

TUCKJANMRSHVXSR7MCTLE...

Solum

ID

240500750

Manager

TUCKJANMRSHVXSR7MCTLE...

Freeze

None

Description

Swan and Eagle

ID

240525914

Manager

None

Freeze

None

Properties

Key

Value

+

Mint

Algorithmic Eyewear #34

ID

Total supply

Algorithmic Eyewear #26

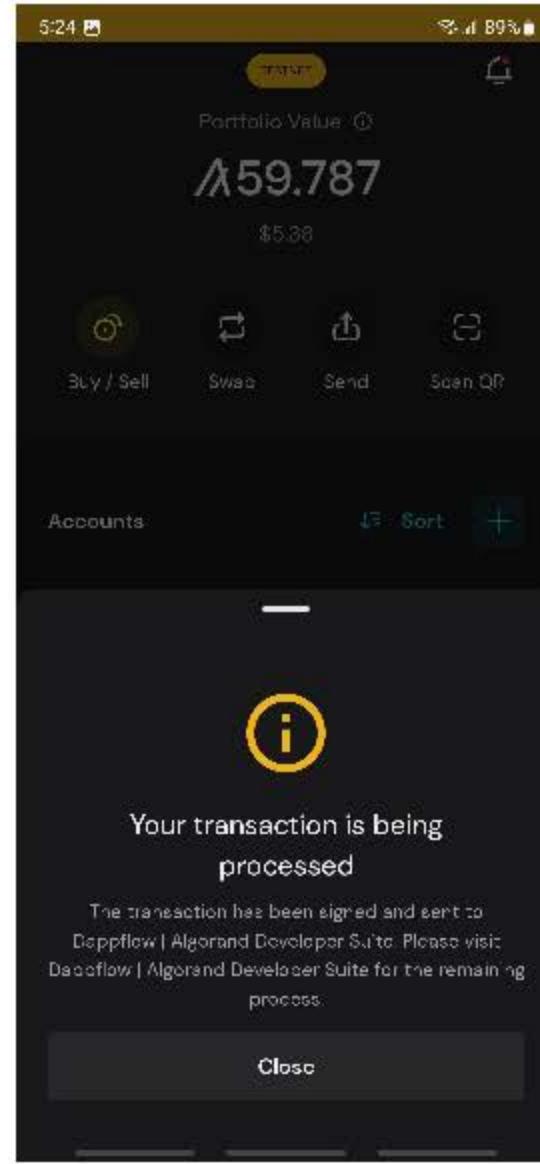
ID

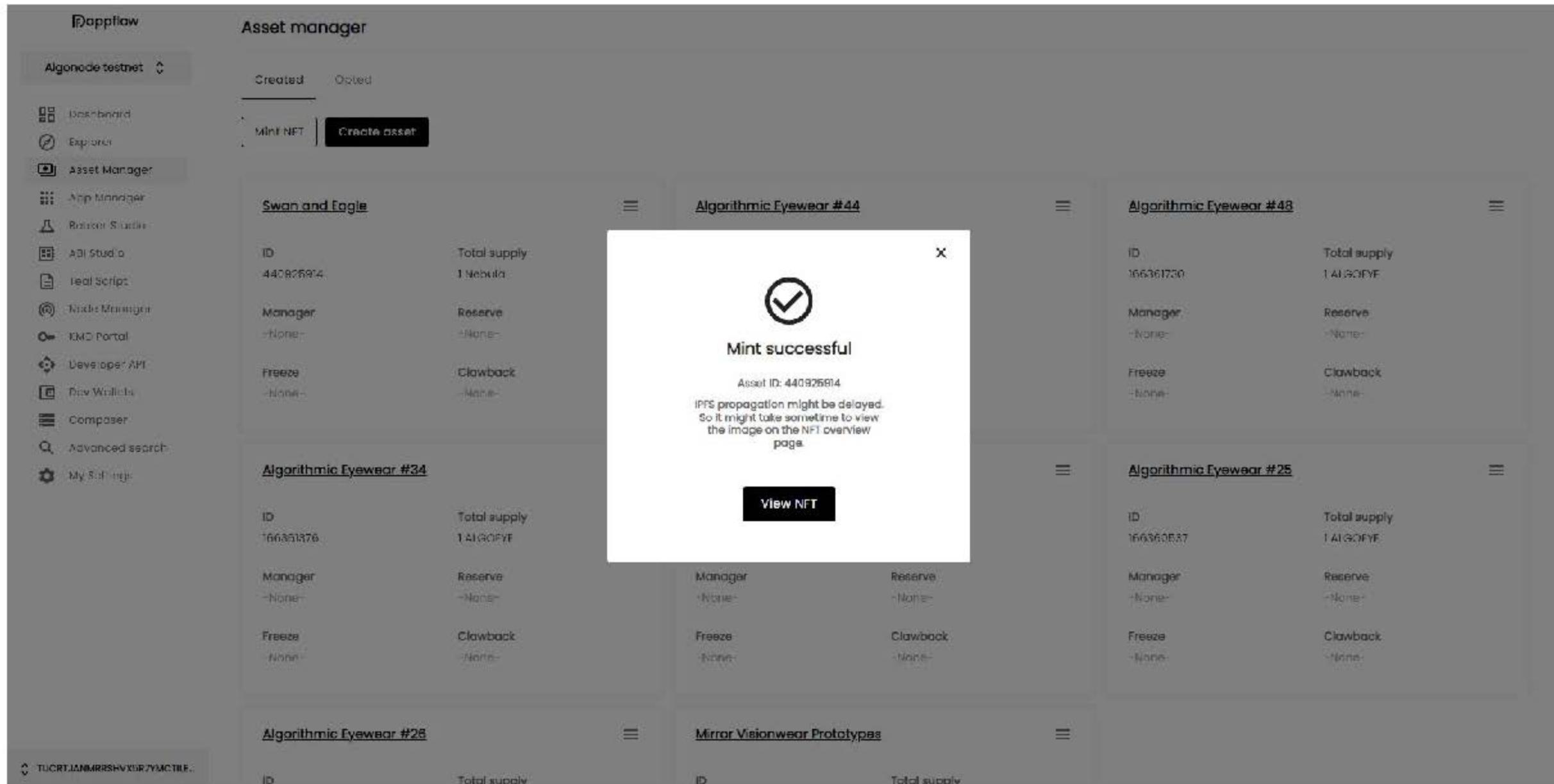
Total supply

Algorithmic Eyewear #25

ID

Total supply





Algonode testnet

- [Dashboard](#)
- [Explorer](#)
- [Asset Manager](#)
- [App Manager](#)
- [Bunker Studio](#)
- [ABI Studio](#)
- [Teal Script](#)
- [Node Manager](#)
- [CMD Portal](#)
- [Developer API](#)
- [Dev Wallets](#)
- [Composer](#)
- [Advanced search](#)
- [My Settings](#)



M22

Asset ID: 44098580H ARCS

Unit name	Cluster
Creator	TUCRTJANMRSHVX5R7YMCITLE...
Total supply	1
Metadata	View metadata

Transactions

Txn ID	Block	Age	From	To	Amount	Fee	Type
QORWVZC7PGU674K5NMTPUCA...	33883364	11 seconds ago	TUCRTJANMRSHVX5R7YMCITLE...	→	4.000	A.000	Asset config

Which ARCs are right for my project?

Requirements	ARC token standard
I want the image and metadata to stay the same forever.	ARC-3
I want to use a really big image or video.	ARC-3
I want to program my NFT to change over time.	ARC-19
I want to update the image and metadata in the future.	ARC-3 and ARC-19
I want the image and metadata to stay the same forever. I also want to receive royalty payments each time my NFT is traded.	ARC-3 and ARC-18
I want as much flexibility and efficiency as possible.	ARC-72 (Not widely supported yet)

Mint NFT on Algorand MainNet

Rand Gallery

<https://www.randgallery.com/algo-collection/>

The screenshot displays the homepage of Rand Gallery, featuring a dark-themed interface with various NFT collection cards and performance metrics.

Trending Collections:

- Pixel Pups**: Volume: 5,425 A, Sales: 8
- Shitty Cities**: Volume: 1,069 A, Sales: 2
- Mostly Frens**: Volume: 999 A, Sales: 1
- RaptorEYE 2**: Volume: 994 A, Sales: 14
- The Lost Bots**: Volume: 928 A, Sales: 5
- tinyhorse**: Volume: 900 A, Sales: 1
- BRATS COLLECT...**: Volume: 877 A, Sales: 15
- Zinyhorse**: Volume: 775 A, Sales: 1
- Flemish Clones**: Volume: 664 A, Sales: 3
- Fractal Tamers**: Volume: 600 A, Sales: 1

Explore the highest volume collections over the last 24 hours.

[See all Trending Collections](#)

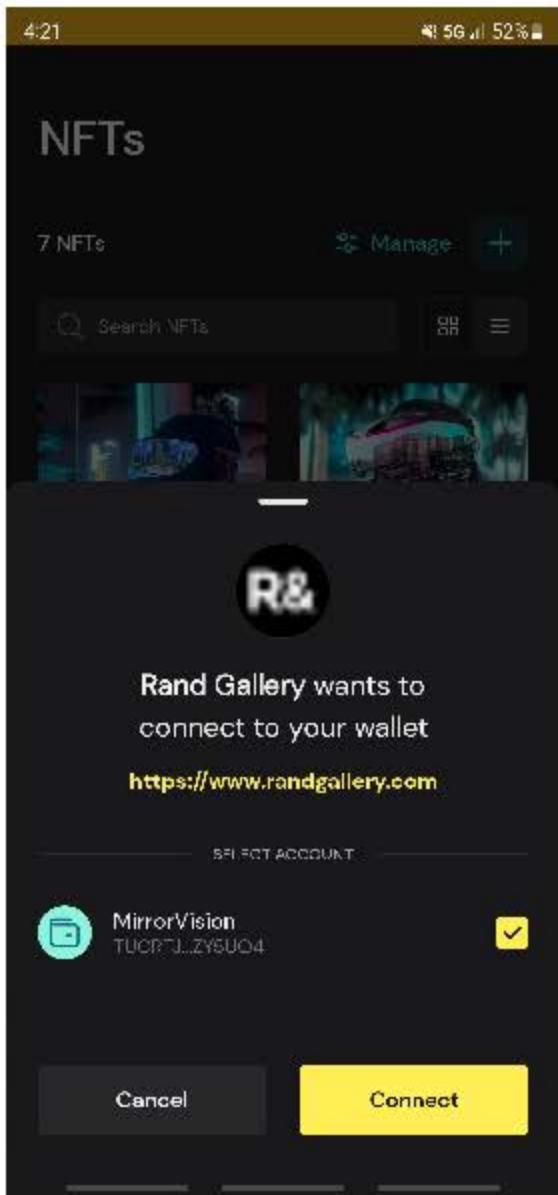
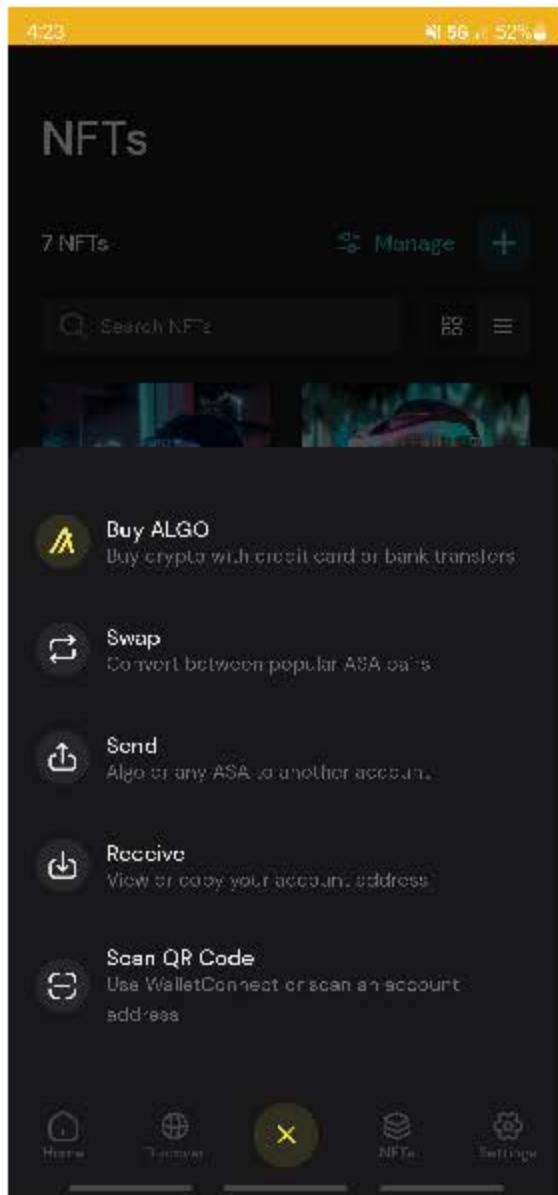
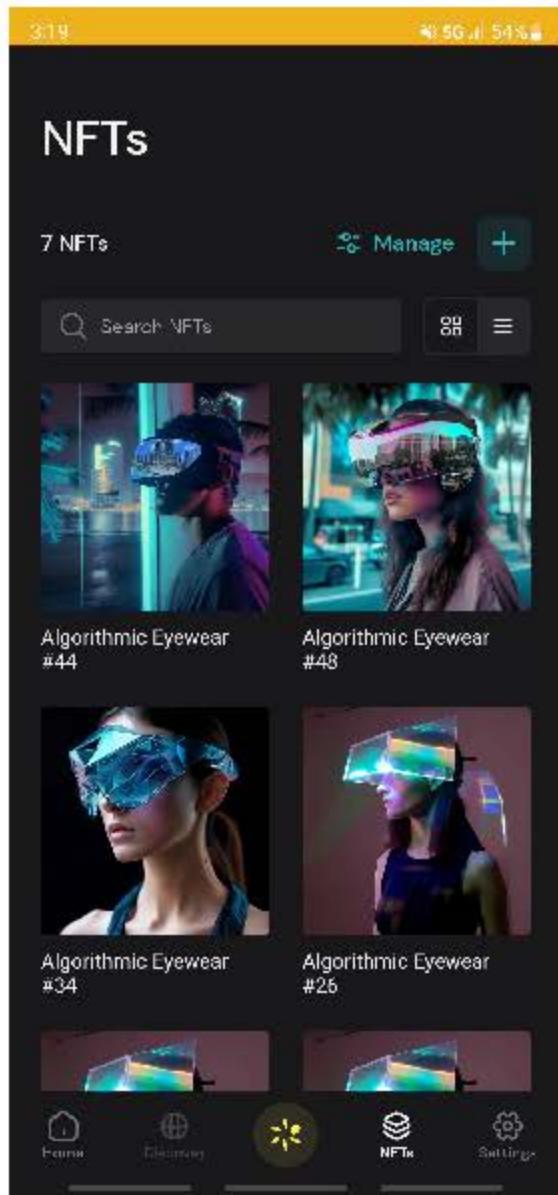
Rand Gallery's stats over the last 24 hours:

- Volume: 23,035 A
- Sales: 248
- Avg Sale Price: 93 A

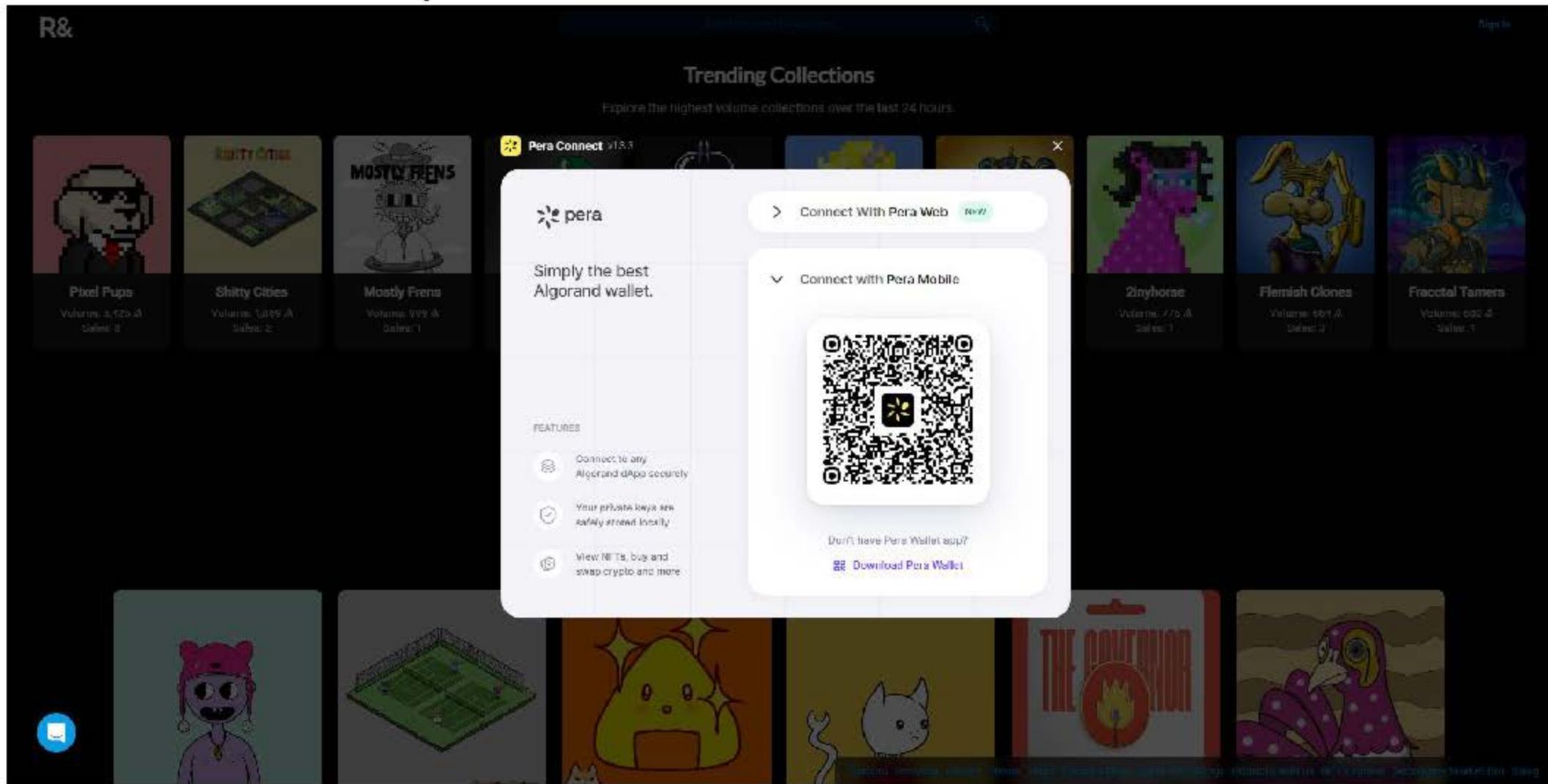
New Listings:

-
-
-
-
-
-

[Discord](#) [Rewards](#) [Phony](#) [Terms](#) [Tools](#) [Create](#) [Edit](#) [Marketplace](#) [Listings](#) [Promote with us](#) [NFT](#) [Dexes](#) [Secondary Market](#) [Dot Swap](#)



Rand Gallery – Pera Connect



[Create NFT](#)[Send Algos](#)[Sales History](#)[Purchase History](#)[Buy ALGO](#)[Tools](#)[Logout](#)

Listings: 0

Selected Assets: 0

Create an NFT 🚀

Name

Artemis I launch

Media

Choose File artemis-launch-42023.png

Unit Name

Artemis

Description

(Optional) Ex: Welcome to the future of NFTs.

External URL<https://jayrosen.design/>**Total Supply (usually 1)**

1

Ready to mint 💎

[Cancel](#)[Create](#)

R&

TUCRTJANMRRSHVX5R7Y.../MCTILE7PILYDYA4XA0526QUG020YID7UXZY5U04

TUCRT..Y5U04

[Create NFT](#) [Send Algos](#) [Sales History](#) [Purchase History](#) [Buy ALGO](#) [Tools](#) [Logoff](#)

Listings 0

Listings Value 0

Algos Free 106.799

Unlisted Assets 1

TUCRT..Y5U04 [Star](#) [Hide](#)

Artemis Launch

Artemis

1210559402

[Hide](#)[Send](#)

TxID	Block	Age	From	To	Amount	Fee	Type	Print Rec. Swap
R0002052L3QDLSLP65FH...	32911061	2 min ago	TUCRTJANMRRSHVX5R7Y...	Asset 1210559402	▲ 0.001	▲ 0.001	Config	

Asset ID: 1210559402

Name: Artemis Launch

Unit: Artemis

Reason: Creation

Manager Account: TUCRTJANMRRSHVX5R7Y.../MCTILE7PILYDYA4XA0526QUG020YID7UXZY5U04

Reserve Account: TUCRTJANMRRSHVX5R7Y.../MCTILE7PILYDYA4XA0526QUG020YID7UXZY5U04

Freeze Account: (no data)

Clawback Account: (no data)



NFT not showing up?

- NFTs tab
- Select + button
- Select Account
- Search for NFT name to Opt-In

