

# TOKENS

MAGAZINE ■ MMXXIII

THE CANONICAL MEME PUBLICATION OF THE METAVERSE

BTC



STRIKE ME



[strike.me/tokens](https://strike.me/tokens)

USDC



LTC



ETH



## 21 FACTS ABOUT BITCOIN AS A MATTER OF FACT

- Bitcoin is Art
- Bitcoin is Key
- Bitcoin is Life
- Bitcoin is Time
- Bitcoin is Work
- Bitcoin is Asset
- Bitcoin is Force
- Bitcoin is Digital
- Bitcoin is Energy
- Bitcoin is Private
- Bitcoin is Fungible
- Bitcoin is Currency
- Bitcoin is Trustless
- Bitcoin is Signature
- Bitcoin is Sovereign
- Bitcoin is Technology
- Bitcoin is Transparent
- Bitcoin is Cryptographic
- Bitcoin is Infinitely Limited
- Bitcoin is Intelligent Design
- Bitcoin is Owned by Everyone

*Flamingo Meme Theme  
Background image Adapted  
from Cointelegraph Magazine*

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Published by CHARLENE BROWN

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CONTRIBUTIONS WELCOME. NO JOKE!

**Cryptopia 2023**  
**+ AGENDA**  
**+ EXHIBITS**  
**+ SPEAKERS**



AS OF MAY, 25, 2023

# Cryptos Market Cap

Other Registered Coins:  
**24,808**

Trillions in Market Value:  
**\$1,107,880,392,592**

**ETHEREUM: 19.5%**  
**\$510,808,671,685**

# BITCOIN Dominance

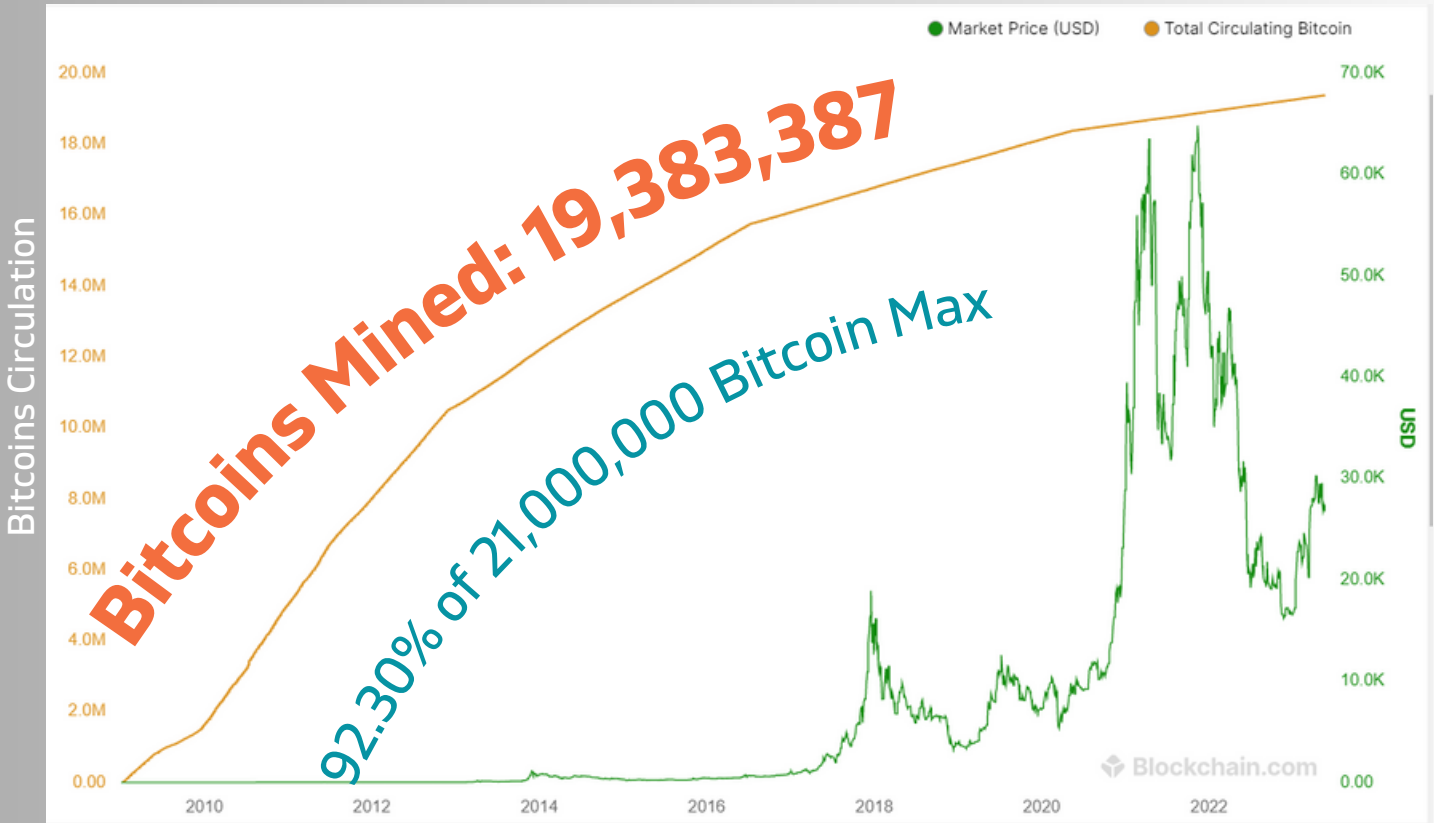
**MARKET VALUE: 46.2%**  
**\$510,808,671,685**

**MINED COINS:**  
**19,383,387**

**NEARLY RUNNING THERE AT:**

**92.30%**  
**OF MAX EVER BITCOINS:**  
**21,000,000**

**1 Bitcoin Valued at:**  
**\$26,234.90**  
**Compared to 1-USD**



Jan 3, 2009

May 25, 2023

# Bitcoin is Life



All my organs failed, except for my heart and lungs. Days four and five grew so gruesome, blood transfusion was my only cling on to life.

I should not be alive, but I didn't know that I was alive. It all seemed surreal. Eleven days elapsed.

A few days later the hospital released me in a state of half-life.

My doctor notated on my discharge papers that he wasn't convinced of my diagnosis, rather, there were some kind of neurological effect with a combination of ten other possible conditions.

I wish I could write the whole story, but I don't know the whole story.

I can only piece together bits and pieces. It is merely a recurring episode and I can't tell if this is reality or the nightmare.

The day I got out of the hospital I saw my baby. Instantly, I felt live flood back into my veins. He was being fostered at a neighbor's.

The powers that be kept him from my bosom for two months. The pain of our separation was much sorer than the fierceness of the coma itself.

Convalescing at home those first days out of the loony bin, I sought for relevance. The only thing I found to rely on bitcoin. Not for the price or the market value.

Bitcoin lets me know whether I am dead or alive. Unlike a clock that repeats its cycle every 12 hours on analog or 24 hours digitally, bitcoin has no stop, start daily cycle.

Some use the bitcoin chart for pricing and panicking, I use the bitcoin chart as a reference on life. Bitcoin is my stethoscope.

Hallucinations still blur my sense of reality today (no psychedelics).

I was anxious for a thing that would not increase my already rooftop level anxiety. Each day, when I remembered, I listened to Bitcoin Ben.

"And We Are Live" became such a pillar to my slumberless nights and mornings.

Soon I realized his show was in the mornings. This brought some sense of time relevance back into being.

Ben inspired me to start hosting the UtahBitcoinSummit.com.

Looking for a big enough venue that could accommodate six feet of separation between attendees, led me back to Utah Valley University, where I first launched my career as a journalist back in 2005.

Soon I began teaching at UVU as a part time adjunct instructor of Bitcoin and Blockchain Basics.

It was therapy to help me do something that would regenerate some brain activity (and my sanity).

I developed the Ten States of Bitcoin for my lectures. This curriculum grew into The 21 States of Bitcoin, which is the thesis of this edition of TOKENS Magazine 2023 edition.

I awake and peer deep into the dim trying to decipher what phase of existence I'm experiencing. My brain takes time to assimilate with each new day.

Each satoshi, ignited by an electron illuminating a light emitting diodes around the world, like light when stadium lights first come on, ballast by ballast, but a bit of an extended delay in my morning brain.

In the end each diode is synchronized to the heartbeat of every living being on planet earth. Even if some diodes go out, the whole stadium or the world stays lit. That's life of the Bitcoin network.

I'm alive only because my life is synchronized to Bitcoin. Everything I've done these last few years thank you Bitcoin.



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# C Contents of Character

O

**CHARLENE BROWN:** The self-acclaimed extraordinaire, vivacious and most witty raconteur - former adjunct instructor of Blockchain & Bitcoin Basics at Utah Valley University.



*Inspired by Divine Consciousness  
Created by Quantum Intelligence  
Aided by Artificial Imagination*

Mostly Written & Published by:  
Charlene Brown, Editor in Chief  
a.k.a. Charlene the Crypto Queen  
a.k.a. Charlene on Green  
a.k.a. iheartCharlene

n

Charlene expounds on the connection between clean energy, time, Bitcoin, and technology. She declares "Blockchain is the answer to climate change."

She's uncovering the mysteries of quantum energy, and how Bitcoin can ready us for this new digital existence, a new Era of Harnessing.

t

Charlene's breaking down the blockchain while single-handedly breaking chains that have chained us down for centuries.

e

Meet the editor and publisher of TOKENS Magazine, the ultimate meme publication in the metaverse.



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n

Talk show radio host, TV producer, and the most banned investigative journalist on planet earth, but you wouldn't know, cause she's banished from family, from society, from her culture and also from the church. Finally, Charlene is a free human, belonging to know man, no entity, and of no community. Expelled for life, a gift the giver had no clue was the gift of real freedom she's yearned for.

VENMO



@BitcoinBrownSugar

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TOKENS Magazine.com

t

Where this star, Charlene, shines the brightest is where there are no drum rolls, no stage hands, no mic drop moments - as a mom.

EMAIL



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CALL



801-299-9105

S

Teaching and rearing the next bright star, her one and only son S. the CEO of Tokens Magazine. He is the human exemplar of perseverance, hard work, humility and kindness. a cute and gentle soul.



's up Jack



## TOP f' bomber

THE BOLDEST & THE BRIGHTEST

### **f' bomber BIO:**

## **JACK MALLERS**

*CEO & Founder  
Zap, Strike  
Lightning Network*

**PASSION**  
*Money is a Basic  
Human Right*

**MISSION**  
*No Brainer  
No Barrier  
to Bitcoin*

And the award for Mr. Authenticity goes to, drum roll, JACK MALLERS.

He talks street and walks with the strut of a Chicago gangsta. Look out credit card pirates, MALLERS is coming at you.

He's f' bombing his way around the world at lighting speed on the Bitcoin network.

MALLERS' dominance is unrivalled as the biggest and boldest f' bomber of all time.

MALLERS is making Bitcoin adoption easy for people worldwide.

He's bringing public pilgrimage to bitcoin warriors in prison.

He's the cocky kid who's publicly orange-pilling both young and old, Popes and Presidents, royalty and commoners - from South America to East Asia and Africa.

He's painting the Global South, one color, orange. One currency, Bitcoin. One blood, red. One people, free.

**If he had to drop a satoshi for every f'bomb he drops, MALLERS would have the BTC wallet to back it up.**





# Bitcoin is Time + Energy = Proof of Work

by Charlene Brown

## Simply put, in mathematical language

Since the genesis block was validated, January 3, 2009, Bitcoin has not stopped for one second.

Unlike stock exchanges that open and close with the earth's rotation, bitcoin never closes.

Unlike absentee banks with holidays and weekends, bitcoin takes no personal-time-off.

That first block of 50 bitcoin has given root to +19,383,387 offspring, without a blink or pause.

Mining these baby coins consumes certain amount of energy. Hence, the bitcoin protocol is built on Proof-of-Work.

Bitcoins are rewarded to the computing device that completes a very complex equation within a given timeframe.

Each device running the bitcoin node, sweat equity, on the blockchain consumes electricity in performing the task of mining and sustaining the network.

Understanding how kilowatt hours work, for instance, on your electric bill makes it easier to get bitcoin and how it works in terms of energy.

A 60 watt light bulb uses 60 watts per hour, so if you keep the light on for 24 hours it consumes 240 watts. By the time you get your bill in 30 days, that light has used up to 7,200 watts or 7.2 kilowatts. If the cost of electricity in Utah is 0.11 cents per kilowatt, you would pay Warren Buffet owned PacifiCorp, Rocky Mountain Power, \$0.79 per light bulb each month.

What if the Bitcoin instead of paying 79 cents your computer could earn \$0.79 running the bitcoin network.

Smart sense says, as the value of Bitcoin increases, the payout per device also goes up. But when Bitcoin mining out paces the cost of electricity, just unplug your computer or migrate your operation to a jurisdiction where energy cost is low, which is the subject of this edition - El Salvador.

Otherwise, find an electric utilities offering demand response at lower rates for operators to use electricity off-peak when demand is low, like at night when most light bulbs are off.

It costs the utility more to ground all that unused energy, because they can't store it and they can't eliminate it

What if a person wakes up in the night and flips on the light switch in the bathroom and there was no light? So the utility has to maintain a certain stable power, or reliability, at all times.

In full disclosure, previously I worked at PacifiCorp and also prior to that at Sothern California Edison.

A utility that incentivizes operators to take this excess electricity, the time of use product, that energy could make bitcoin mining anywhere more function of reliability, sustainability and energy efficiency.

Isn't it funny how Warren Buffet and his Berkshire Hathaway spokes peeps like to dish dirt on bitcoin and crypto, when in actuality,

Warren Buffet, who owns many electric and gas utilities, is the first and foremost benefactor of Bitcoin mining and the blockchain energy consumption economy.

And what if just one night per week, everyone on the grid make an agreement that nobody will wake up to turn on the light that night, but they didn't tell the electric utility of the plan.

That would result in extreme excesses of electricity that the utility must ground.

The advantage here, is for bitcoin miners and utilities to synchronize, capitalizing on excess energy to bring idle mining computers online. The cost-savings on both end would be a win win for all.





**RAOUL PAL line-items  
the balance sheet  
with such brilliance.**

## f' bombers

FIRST RUNNER UP

**f' bomber BIO:**

**RAOUL PAL**

*CEO, Co-Founder  
Real Vision*

**PASSION:**

*Immersive  
Conversations*

**MISSION:**

*Democratizing  
Financial  
Information*

Easy listening, tall, dark and delightful to chat with, RAOUL PAL drops f' bombs proportionate to his topic and makes a sincere effort to use the appropriate inflections, you almost want to forgive him for the cussing violation after all.

Or, maybe I'm fooled by the British, Indian, breathless dictation only PAL can deliver so stylishly.

Bottom line, PAL places the f' bomb just at the correct integer like separating hundreds, thousands, millions.

Telling from his artful pygmy insertions, PAL's a non-native f' bomber, an adopted lingo for PAL, so to speak.

Respectfully too, I notice he follows the lead of his guest and audience in delivering f'bombery. If a guest isn't into that sort of thing, PAL minds his manners (unlike Jack).

This above photo of PAL was taken 2021 at Real Vision Takeover, Las Vegas, Nevada, posing with my kid, @KiteVC and me.

I don't recall Vegas being f' bombed as much, but what happens in Vegas...



# Bitcoin is Art

by Charlene Brown



Lotus Burnquist, NFT Artist  
2021 Golden Era

The absence of beauty is art. There's no collectibles framing Bitcoin. Its beauty is its neutrality of interpretation.

Most notable works of art hang on walls in lonely museums, protected by armed security, begging, come look at me.

Bitcoin is held in wallets, on servers protected by a seed phrase, making a bold statement, nothing to see here.

Those who wish to denominate art in cryptographic expressions, have founded a new type of smart-contract, non-fungible tokens, popularized as NFT.

"Art is often exclusive. We want Art to be accessible. We want art to be accepted. We want art to spread widely.

Non-fungible Tokens enable us to realize this vision," said NFT artist Michelle Mafra.

Bitcoin on the other hand, bridges accessibility by making it non-exclusive with the wide ability for Bitcoin adoption.

A person can hold as little as a fraction of a bitcoin, one satoshi, or as many as chief maximalist, Michael Saylor at Microstrategy, a publicly traded entity.

Ownership of fractional asset value makes the holder of that fraction as much an owner as whale wallet owners.

Something rare and precious and limited is fractionalized globally and distributed randomly to any who wishes to accept it.

Though a less outward expression of beauty than tangible collectibles hung from walls, Bitcoin is no less desirable.

Will wealth transfer out of art into Bitcoin? Smart answer: Is it easier to move Bitcoin? How easy is it to move that Mona Lisa, securely?

Art will be liquidated into Bitcoin. We will then see massive price descent in art. Bitcoin will be leveraged to acquire art for less, driving appreciation in art, and the cycle repeats itself.

Ultimately art will be priced in Bitcoin. So how many Satoshis do you want for that van Gogh?



Lotus Burnquist, NFT Artist  
2021 Golden Era







Being the  
Smartest  
Guy in the  
Room Does  
Have its  
Perks, in  
this case.

## f' bombers

SECOND RUNNER UP

### **f' bomber BIO:**

### **ARTHUR HAYES**

CEO & Founder BitMEX  
HDR Global  
(a bunch more fintech & money)

### **MISSION**

*A Watchman on the Hill*

### **PASSION**

*Profit Taking While  
Profits Are In the Making*

ARTHUR HAYES would earn the f' ing bee championship if the only letter in the dictionary started with an 'f' and ended with the diagraph 'ck'.

Except, if you're able to survive one of his wild f' bomb filled video montages, you'll briefly experience what I call, brief HAYES vernacularism, unnecessarily blending 'f' with nearly every other word in the the English idiom, as if to punctuate the irrelevance of adverbs and adjectives.

For special effect of this meme, I tried to find the most extreme expressive and memorable screenshot of a recent Youtube f'bombing session featuring Hayes.

Mind you, for at least this high intelligence, well schooled and groomed f' bomber, dropping the f' bomb, is no lack of principle. To the contrary.





# SEASTEADING

DOMESTEAD BY ARKTIDE

## THE SEASTEADING INSTITUTE HAS BEEN ACCEPTING BITCOIN DONATIONS FROM ITS INCEPTION -

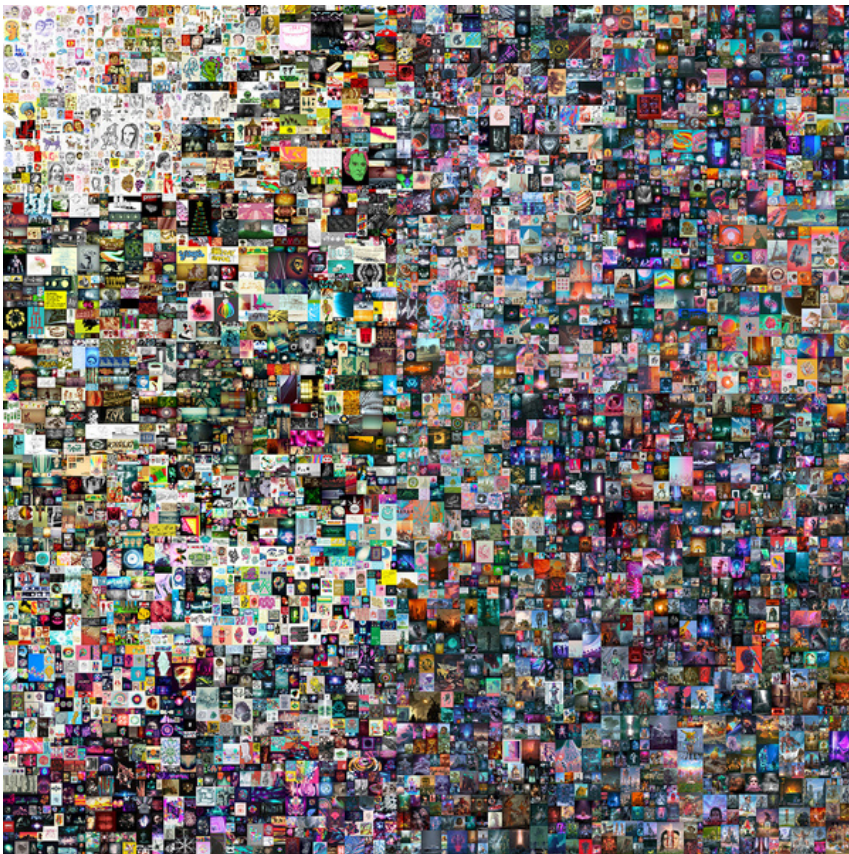
and it's no surprise that there is a natural affinity between cryptocurrency enthusiasts and seasteaders. Seasteading means building floating societies with significant political autonomy. Nearly half the world's surface is unclaimed by any nation-state, and many coastal nations can legislate seasteads in their territorial waters. The Seasteading Institute is a nonprofit organization We promote the creation of **floating ocean cities** as a revolutionary solution to some of the world's most pressing problems: rising sea levels, overpopulation, poor governance, and more...

One of the biggest hurdles that seasteading communities face is establishing a stable and secure financial system **beyond the reach of traditional banking** and government regulations. Many cryptocurrency enthusiasts align with the principles of libertarianism and decentralization, making them a great fit for seasteading communities that prioritize individual freedom and autonomy.

Seasteading and bitcoin are two technologies to **decentralize power**. That means seasteaders and bitcoin enthusiasts are often the same people. By leveraging the security, decentralization, and transparency of cryptocurrency and blockchain technology, seasteaders could create a new form of governance and economy that is free from the constraints of traditional institutions and regulations. While there are certainly challenges and risks that need to be considered, the potential benefits of this innovation are too great to ignore. As we continue to explore the possibilities of seasteading and cryptocurrency, we may just discover a new frontier for human civilization that is more free, autonomous, and innovative than ever before.

**Learn more at [seasteading.org](http://seasteading.org)**





**EVERYDAYS: THE FIRST 5000 DAYS**

Artist(s): beeples  
 Collector: metakovan  
 Date Sold: 11 Mar 2021

**\$69,346,250.00**  
 (37,201.327 ETH)

<https://cryptoart.io/artists>

**ONE  
 THOUSAND  
 FOUR  
 HUNDRED  
 SIXTY  
 ONE**

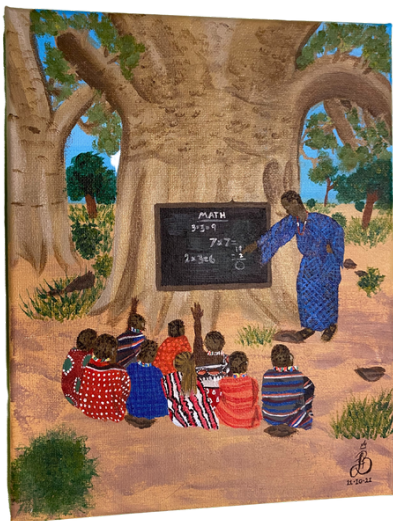
**CLOCK**

**ONE THOUSAND THIRTY FIVE**

Artist(s): pak  
 Collector: assangedao  
 Date Sold: 09 Feb 2022

**\$31,338,646.39**  
 (16,593.059 ETH)

<https://cryptoart.io/artists>



Lotus Burnquist, NFT Artist  
 2021 Golden Era

**TOP 11 NFT Artwork Lambo List**

#	Artist	Total TOP Sales	Items	Top Dollar
2	beeples	\$173,308,081.26	1354	\$69,346,250.00
1	pak	\$294,141,191.89	66682	\$30,852,303.84
12	maddogjones	\$19,055,955.84	1616	\$4,144,000.00
73	snowden	\$4,135,194.40	1	\$4,135,194.40
6	xcopy	\$65,820,244.77	9582	\$3,030,740.50
9	fewocious	\$28,596,982.14	3189	\$2,838,640.00
105	freeross	\$2,688,620.10	1	\$2,688,620.10
5	dmitricherniak	\$67,433,314.17	924	\$2,682,000.00
19	refikanadol	\$13,086,715.24	1647	\$2,382,250.00
153	justinaversano	\$1,733,767.05	14	\$1,581,228.43
254	torproject	\$929,675.00	1	\$929,675.00

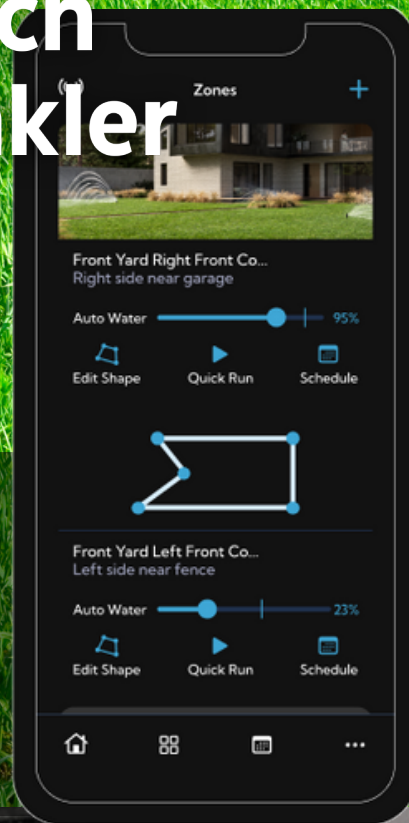
<https://cryptoart.io/artists>





# Digital High Tech Precision Sprinkler Engineered To Be Envied

Transform Your Lawn Into A Work of Art With irrigreen's Digital Precision Water-Painting Sprinkler And Grow The Greenest Grass In the Neighborhood



## irrigreen Precision Printing Sprinkler SAVES WATER. SAVES MONEY.

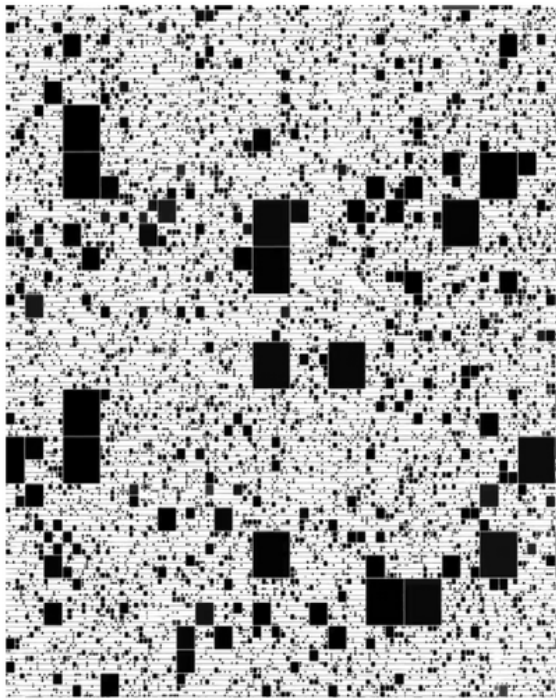
- Delivers water only when needed
- Digitally laser prints water perfectly
- Directs water precisely where needed
- Monitors moisture, climate & weather data
- Smart APP Controls system settings from anywhere



## TOP DOLLAR LAMBO List

### TOP 40 Artist Lambo List

#	Artist	Artwork Sales	Items	Item Priced
1	pak	\$294,141,191.89	66682	\$30,852,303.84
2	beeple	\$173,308,081.26	1354	\$69,346,250.00
3	snowfro	\$101,642,857.81	7777	\$13,069.67
4	tylerxhobbs	\$80,021,800.77	1018	\$124,201.72
5	dmitricherniak	\$67,433,314.17	924	\$2,682,000.00
6	xcopy	\$65,820,244.77	9582	\$3,030,740.50
7	mattdesl	\$33,012,166.71	2075	\$21,750.65
8	hackatao	\$32,474,032.12	9204	\$932,285.00
9	fewocious	\$28,596,982.14	3189	\$2,838,640.00
10	trevorjonesart	\$23,678,803.32	6074	\$562,453.38
11	micah_johnson	\$22,710,133.19	8933	\$464,837.50
12	maddogjones	\$19,055,955.84	1616	\$4,144,000.00
13	whisbe	\$18,306,395.10	6677	\$1,000,000.00
14	golid	\$17,440,064.16	3586	\$23,169.94
15	shvemblr	\$17,420,302.91	3635	\$200,809.80
16	monicarizzolli	\$17,398,042.09	1026	\$16,989.19
17	rich_lord	\$16,765,951.70	1423	\$15,378.49
18	slimesunday	\$14,734,850.54	8090	\$1,333,333.33
19	refikanadol	\$13,086,715.24	1647	\$2,382,250.00
20	darien_brito	\$12,684,055.23	1675	\$11,375.21
21	zeblocks	\$12,032,673.36	1262	\$15,344.52
22	piterpasma	\$11,581,794.27	1240	\$11,527.97
23	micah	\$10,956,159.89	4641	\$52,000.00
24	stefan_contiero	\$10,838,521.09	2157	\$7,807.70
25	lorenbednar	\$10,528,415.66	3154	\$9,527.19
26	jose_delbo	\$10,488,180.83	5943	\$562,453.38
27	bagleyvault	\$10,183,303.61	1376	\$11,174.95
28	thomasp85	\$9,950,509.02	2008	\$19,430.58
29	mattkane	\$9,557,428.85	1051	\$594,992.00
30	fvckrender	\$9,449,864.17	2694	\$317,948.85
31	paint	\$9,392,555.30	5230	\$1,796.93
32	hidekitsukamoto	\$9,339,871.75	899	\$10,389.18
33	3lau	\$9,328,418.57	6501	\$1,333,333.33
34	luxpris	\$8,614,753.30	1683	\$44,624.40
35	aaronpenne	\$8,314,735.05	2731	\$15,107.22
36	mactuitui	\$7,853,265.28	4107	\$21,475.49
37	ssx3lau	\$7,581,293.91	5843	\$1,333,333.33
38	reas	\$7,438,944.79	2000	\$5,248.62
39	bendotk	\$7,387,076.29	1028	\$12,548.29
40	danielarsham	\$7,347,547.82	1770	\$9,899.92



DREAMING AT DUSK  
 Artist(s): torproject  
 Collector: pleasrdao  
 Date Sold: 14 May 2021  
**\$962,290.00**  
 (500 ETH)


















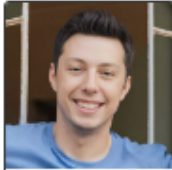




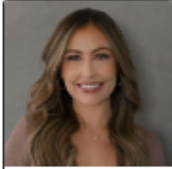




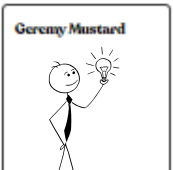




Bored Ape Yacht Club #8817  
 Seller: Jimmy  
 Collector: Brandon Buchanan  
**\$3,408,000**  
 (852 ETH)



# CRYPTOPIA



## MAY 31

 Adm Sidwell	 Amelia Gardner	 Brandon Doyle	 Cameo Doran	 Spencer Montgomery	 Tobin Gardner	 Todd Crossland	 Trent Mano			
 Clark Stacey	 Dan Young	 Ethan Parker	 Eric Parker	 Tyler Joergensen	 Tyler Morrey	 Robert Lamb	 Jerry Singer			
 Kathy Roberts	 Kirk Oulmet	 Robbie Law	 Scott Paul	 Nicki Sanders	 Mick Hagen	 Dave Lemke	 Krystee Miller			
 Justin Reece	 Gereny Mustard				+		+		+	

**Dirty Dough Cookie Eating Contest**

**Lunch Time Shill Fest**

**Gaming Lounges**

**After-Party**



- ENJOY Interactive WORKSHOPS +
- HEAR Inspiring KEYNOTES +
- MAKE Unforgettable MOMENTS +
- MEET Like-minded THINKERS +
- BUILD Lifelong CONNECTIONS + + +





# Bitcoin v.s The MIGHTY DOLLAR

by Charlene Brown

## The best thing that could happen for the DOLLAR is Bitcoin.

...Hold that thought... Let me place my limit order in STA-SHO-TI (stashing fiat in satoshis)

**BITCOIN IS NO THREAT TO THE DOLLAR the world's reserve currency.**

Let's examine the banking crash of 2023. What? Was there a crash. The entire system collapsed but only a few felt the immediate tectonic shock.

Thursday, March 9th, a select unidentified mob of fat checkbook accounts made a \$40 billion digital run on the biggest crypto and tech-friendly bank in San Francisco, Silicon Valley Bank (SVB).

A day earlier, SVB admitted it had liquidated a lot of securities at a loss of \$1.8 billion (business as usual at any bank.) This normalcy caused such fear and panic that by Friday, March 10th, SVB's vault ran dry.

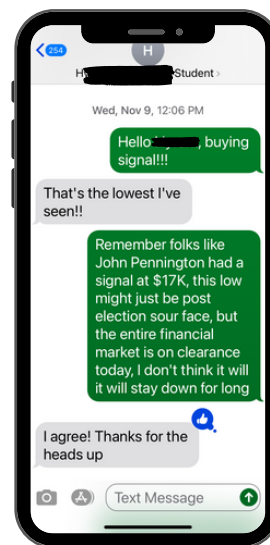
The distress signal was swiftly snuffed out by an even swifter rapid response from the Federal Reserve Board, Treasury Department and the Federal Deposit Insurance Corporation. They spun into action and by Sunday night the fix was in, unanimously, by Monday morning.

The would-be bank collapse was more of a controlled-demolition style of bank gentrification. APY miraculously rose from 0.03 to 4.5 percent and my favorite bank and broker offered handsome returns of ten points plus.

John Pennington Jr., my good friend and former investment broker of a billion dollar fund, called it.

"Do not bet against the FEDs," he joked. "The FED has one duty. Its only job is to protect the DOLLAR, at any cost."

Pennington called Bitcoin price too. I had invited him to guest lecture my Bitcoin class. Four UVU.edu students and three guests, carried on a 3-hour lecture on June 28, 2022. That day, BTC was \$20,883.35. My sense was that it had cratered. Pennington predicted nothing, but he stated he felt confident in growing his BTC position near \$17K exchange rate.



Fast forward five months, BTC 'opened' at \$17,104.06 on November 9th, 2022. I texted the students who attended the June 28th class. BTC price see-sawed to a low point of 15,516.53 on November 21st, 2022.

Many fantasize that Bitcoin will take over and fiat will die. My thesis is: the world will revolve around two currencies. BTC and USD will reign digitally as king and queen. Who is king?

Ask Pennington, no doubt, the dollar, he might say.

I contend, Bitcoin already reigns as king. Consider this, if the exchange rate was US \$27k to BTC1, what's greater?

Or, concede that when the number of fiat bills in your side pocket can't be traded for one single Bitcoin, at that point Bitcoin is king.

Pennington reasoned that the cost of mining a single BTC was around \$17k and the powers that be, would rather be skinned, tarred and feathered than let BTC fall below cost of acquisition.

My thesis, debating Bitcoin versus the USD is that as Bitcoin trading price rises so would the dollar maintain its global strength.

The class was illuminated on why threats to the USD were readily gone, vanquished from the planet.



# Tokyo Metropolitan Government

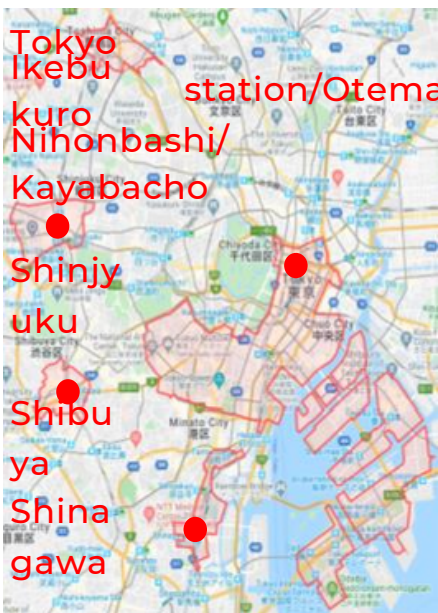
## Invest Tokyo Program

Program overview  
Fiscal Year 2023 (April 2023~ March 2024)

April 2023



## Tokyo Metropolitan Government & EY's Mission



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Tokyo Metropolitan Government, *Special Zone for Asian Headquarters,*

<https://www.investtokyo.metro.tokyo.lg.jp/en/about/ahq.html>

Contact:

Email: [invest.tokyo@jp.ey.com](mailto:invest.tokyo@jp.ey.com)

Phone: +81 3 3503 3500 (9:00 ~ 18:00 Japan Standard Time)







# Is it AI Or Just My ARTIFICIAL IMAGINATION Running Away With Me

by Charlene Brown

The fascinating thing is not that AI is taking over, that's fear talking.

*What intrigues me most -  
the speed of deployment -  
the rate of integration, involuntarily...*

The question is how to prepare for the advent into zero-knowledge.

All the programs we already subscribed to already integrated AI.

And bam, all at once! All together we were using AI. There was no opt-in. And there is no opt out.

AI was a matter of a push update across all platforms. It wasn't 100 million people went out and got AI installed on their devices.

Where we primed to accept anything our tech automatically pushed over internet protocol to our devices?

We accepted artificial foods and even artificial flavors long enough. It was easy for adoption of artificial imaginative designed technologies to explode from zero to 100 million faster than a moon's cycle.

Employers are already eliminating many mar-comm positions.

Here's one cool technology they didn't have to budget for. Here's one smart technology they don't need to train.

Here's one impossible technology that can read your mind before you know what's on your mind.

There's no argument we'll soon become like my kid. He prefers fake mac 'n cheese that reads artificial flavor on the box. When I prepare macaroni with real cow's cheese, he says it's too goeey.

The threat of AI taking over, is not a threat, it is material.

AI is smarting up faster than predicted, it will get so advanced and mature beyond artificial and start acting intelligently. How soon?

AI systems will have already completed gathering all public records and done analyzing every word ever written and published.

By the time you get this magazine, we'll need a new name for AI possibly Advanced Intelligence.

Aided by artificial imagination is what it should be called, not artificial intelligence, if you asked me, but as usual nobody asks me before roll outs.

Imagine the lost library of Alexandria, restored in full splendor.

The case for AI is now biblical in nature. As a follower of Jesus Christ, I would imagine the Second Coming is nearer, ushered in by AI.

Did AI just fulfill the prophesy that all things will be known and we will all know at once, in an instance.

Will all truths, from the past and the future, time-travel to the present, and be answered in 10 sec soundbites.

Will this power give us life-everlasting? Will we all know all truths, but will that truth set us free?

**Imagine a life where we know nothing. And we will love knowing nothing because with AI, we don't need to know anything. Will be grow dumber and dumber? Or will we erupt into a another Tower of Babel, aided by AI?**



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## Morning Session

### Where We Are and Where Are We Going?

9:10am – 10:00am

### Cryptocurrency Regulation & Policy

10:00am – 10:45am

### Innovation in Crypto & Web3

11:00am – 11:30am

### AI & the Future of Entertainment

11:30am – 12:20pm

## Workshops

### Moontax: Bitcoin & Beyond

1:40pm – 2:20pm

### NERD: AI Prompt Battle

2:30pm – 3:10pm

### Giddy: Old School is New School

3:20pm – 4:00pm

## Shill Fest & Cookie Eating Contest

12:30pm – 1:30pm

 GIDDY +



## Breakout Sessions

### How Consumer Brands Utilizing Web3 to Build Community and Fandom

1:40pm – 2:20pm

### Co-op vs DAO

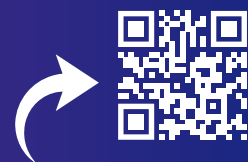
2:30pm – 3:10pm

### Future of Gaming with NFTy Arcade

3:20pm – 4:00pm

## Bowling for Bitcoin

4:00pm – 6:00pm



Purchase Tickets!



18

# Bitcoin the Great

/BY CHARLENE BROWN

## Arbitrator



**A tale of two states play out improv-style in real time. Backstage, Russia skirts sanctions by adopting bitcoin as legal tender and trades oil for BTC. Ukraine funds its military and bolsters its borders with crypto donations.**

While some trading exchanges ban transactions using the Russian ruble, many crypto wallets popped up overnight widely claiming the Ukrainian people as benefactors.

Though there's been reports of fraudulent activities by imposters might have reaped the rewards of those donations, still millions in contributions to many such wallets.

Whatever side of the conflict your colors portray - no doubt, you're in bitcoin country, whether in Ukraine or Russia. Bitcoin is taking playing a roll centerstage with broad ramifications.

Until now, one stripe, blue, blew as both Ukraine and Russian flags were hoisted.

But as swift as Russia invaded Ukraine early 2022, so swiftly has an orange and white flag been raised on both sides of the embankment.

For the first time in history, no dominating powers can stare down the CEO of bitcoin with demands to effect the outcome of the war. Bitcoin has no CEO. Bitcoin knows nobody's name or wants to.

Bitcoin is ran by everybody who runs the bitcoin node on a decentralized network of computers worldwide. Soon, everybody will mine bitcoin. Bitcoin is owned by everyone who owns bitcoin. Bitcoin is a self-governing, self-regulating phenomenon.

Bitcoin bares no coat of arms. There is no emblem of a fierce two-headed eagle crested with stalks of wheat in its clutches. This flag depicts no roaring lion on hind legs ready to pounce.

The white and orange flag wasn't staked in the ground by a platoon or the advance cavalry.

And there certainly won't be memes of a bitcoin flag flying high from the bow of oil ships off the Crimea peninsular.

The "B" encircled in orange at the center of a white flag, stands for BITCOIN the great arbitrator.

The DNA of bitcoin is borderless. It's gene pool is a protocol distributed ledger. rendering software as a service.

The war bares naked the challenge for citizens to trade freely within and without their borders. Russians, Ukrainians, citizens around the globe, privately stake and wave their orange on hard drives and in digital wallets on their cellular phones.

At lightning speed, the bitcoin flag flies on the blockchain, winning the war over individual financial freedom for all citizenry.



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# THE NETWORK STATE

Book by Balaji Srinivasan

1

1. The Internet is to the USA as the Americas were to the UK. Of course, the internet enables the whole thing.

But the manner in which it enables the network state is worth discussing.

Think of the internet as a cloud continent, a sort of digital Atlantis that came down from the heavens sometime around 1991 and has parked itself over the middle of the Pacific Ocean.

Every day, everyone who spends (say) 8 hours online is doing the equivalent of flying up to this cloud from Menlo Park or Tokyo for business or pleasure, and then flying back down.

While there, they see new things, meet new people, and sometimes fight them.

So far, what we've described is much like the settling of the Americas from 1492-1890, but there are at least two key differences.

2

2. Bitcoin constrains legacy states. Bitcoin is the next most important prerequisite for the network state.

As a government of governments, it guarantees the sovereignty of both the individual citizen and the network state itself.

Neither can have their funds stolen by each other, or by a hostile third party.

Bitcoin has also created new fortunes outside the fiat system, demonstrated that institutions as powerful as the Fed can be replaced in a few decades, and pioneered an entirely new way of designing web services in a decentralized manner.

**Excerpts From 5.3.12 What Technological Developments Enable Network States?**

3

3. Web3 enables new chains, decentralized identities, and censorship-resistant communities.

With web3, we can set up a blockchain as the backbone of each network state.

This is the community chain that the state-appointed leadership has root over, as a complement to a public chain like Bitcoin or Ethereum that serves as an external check and balance.

We can create decentralized identities similar to ENS and SNS to serve as digital passports for the network state, defining citizenship on the basis of single sign-on access to network state services.

4

4. Remote and Starlink open up the map. The moment something is put on the internet, it becomes remote friendly.

And everything is going on the internet. Moreover, remote doesn't just mean around the corner, it means around the world. Starlink, and satellite broadband more generally, powers up remote further, by making huge swaths of the map newly economically feasible.

Nothing now prevents a sufficiently motivated digital community from setting up their own Burning Man equivalent in the middle of nowhere, except this time for permanent habitation, and with an eye towards incorporating formal towns and cities.

This complements our earlier point: through the internet, we're reopening the frontier, and making previously godforsaken areas of the map much more attractive.

5

5. Mobile makes us more mobile.

Law is a function of latitude and longitude, so if you can easily change your latitude and longitude, you can change the law under which you live.

That's why the most important long-term consequence of the smartphone is Tiebout sorting.

That is, all of the assumptions in Charles Tiebout's famous paper from the 50s become feasible with sufficiently advanced phones.

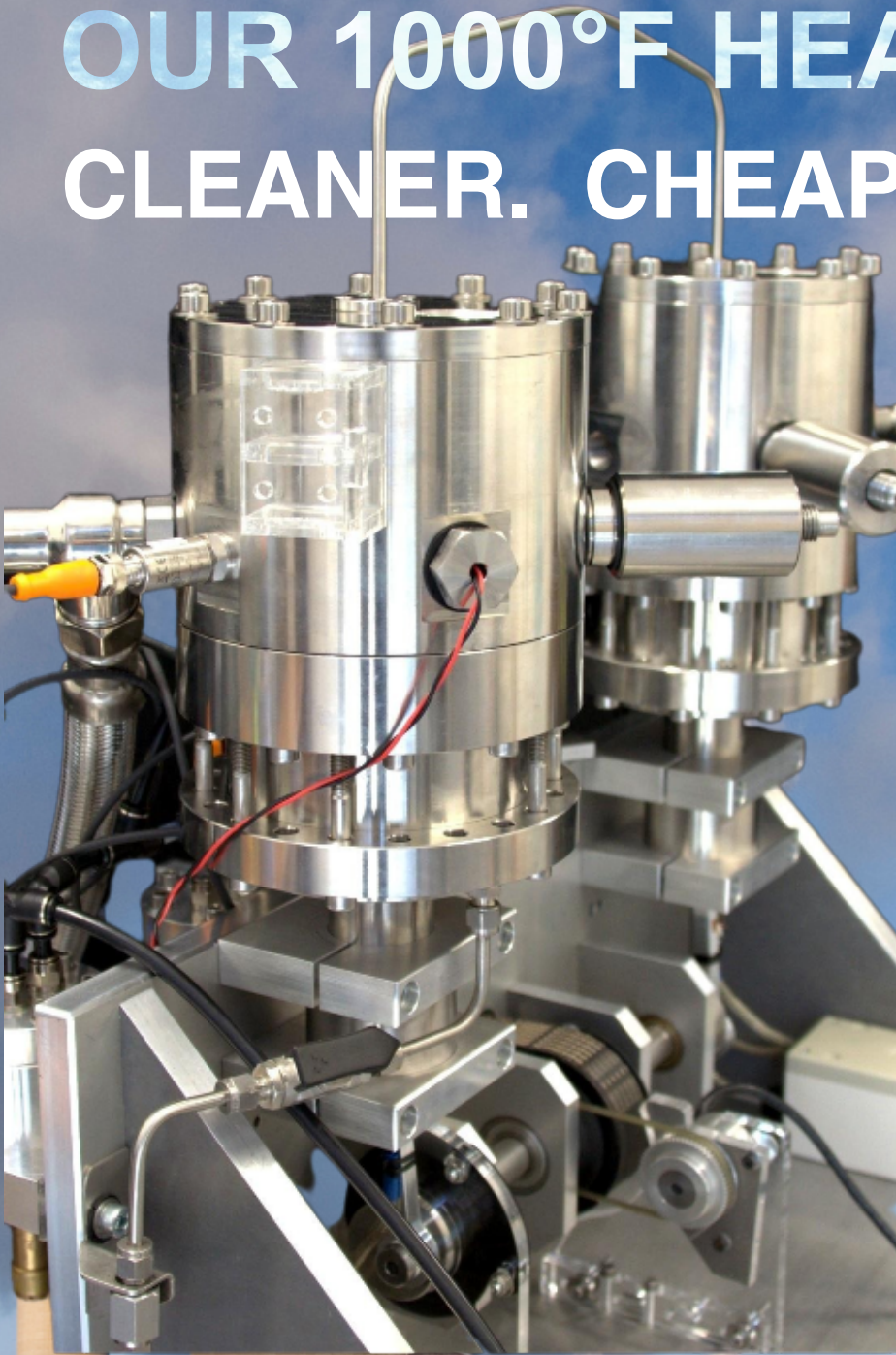
With digital nomad search engines like 'teleport.org' and 'nomadlist.com', some people can choose who they want, while others move where they like.

**The Network State by Balaji Srinivasan Published July 4, 2022**



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# THE NETWORK STATE

by Balaji Srinivasan

6. VR builds a capital in the cloud, AR mirrors it on the land. Virtual reality (and more generally the open metaverse) are yet another way in which the obligate ties to the land are being cut.

We can now build full castles in the sky, and then with augmented reality project them onto the earth.

For a network archipelago or network state, that's a powerful way to link distributed physical territories together into a coherent whole.

7. Social disintermediated the media. Again, this one is almost too obvious, but social media allowed anyone to build a massive following online, it disintermediated the legacy media, and (in combination with messaging apps and related tools) it made one's contacts infinitely portable.

8. State-appointed leadership has root over, as a complement to a public chain like Bitcoin or Ethereum that serves as an external check and balance.

We can create decentralized identities similar to ENS and SNS to serve as digital passports for the network state, defining citizenship on the basis of single sign-on access to network state services.

8. GAFAM showed us what's possible, startup/VC showed us how.

None of the web3 world would be possible without the web2 and web1 worlds. Google showed us what could be done from a garage.

Facebook showed us what could be built from a dorm room. The entire startup industry has shown us that big things can be done on a shoestring.

Without the trillion dollar companies and billion user networks, we wouldn't feel like we could build million person network states.

In particular, as Gilles Babinet observed, once you see partial transfers of sovereignty in the digital world, you know more may come.

From the postal service to Gmail, from taxi medallions to Uber and Lyft, from the banks to Bitcoin, from the maps to Google Maps, from the FCC to WhatsApp, from the courts to moderators, legacy states control less and digital networks control more.

Of course, the former lack technical competence and the latter lack democratic legitimacy, which is exactly the problem the network state solves.

9. Land becomes elastic. As Will Rogers once said, "buy land, they ain't making any more of it." Or are they?

Seasteaders and the artificial islands built in Dubai show that land supply is perhaps more elastic than we think.

We also know you can build cruise ships. So it's possible that we could start reopening the frontier physically as well, not just digitally.

This isn't incompatible with Georgism, which argues that the inelastic supply of land means there should be only one tax, a land tax; it just means the supply is not perfectly inelastic.

If you combine the two concepts, if more value creation goes online and away from the physical world, you get the idea of being able to (a) print more land, and (b) partially commoditize existing nation states as providers of land and natural resources.

10. Telepresence changes the nature of immigration. The next step after simply projecting in an AR avatar is to dial up a robot on the other side of the world and start walking around.

This should in theory be feasible by combining (a) Boston Dynamics' legged robots, (b) DoubleRobotics' DoublePresent iPads on wheels, (c) Oculus Quest headset, and (d) omnidirectional treadmill.

That combination of devices could furnish immersive control of a humanoid robot anywhere on the globe.

11. Bits reopen innovation in atoms. Innovation in areas like biomedicine, robotics, and energy is not upstream of the network state, it's downstream of it.

The network state solves the problem posed by Thiel, Cowen, and J Storrs Hall. We're using bits to reopen innovation in atoms, because innovation in atoms has been blocked by regulations, which are in turn created by the US establishment and exported all over the world through harmonization.

The network state uses digital technology to gain sufficient consent in the cloud to build a community, crowdfund territory, and eventually gain recognition as a sovereign polity. Once we do so, we can return innovation to the physical world.

The nation state was enabled by maps of the world, tools to communicate laws, and the guns to enforce them.

The network state is enabled by the creation of a new world (the internet), the software to code and communicate policies, and the cryptography to enforce them,

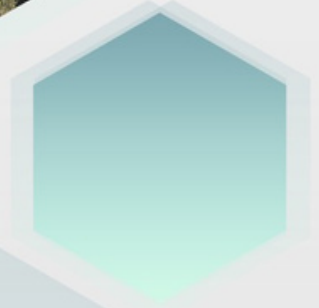
## Excerpts From

### **The Network State by Balaji Srinivasan**

#### **5.3.12 What Technological Developments Enable Network States?**

**Published  
July 4, 2022**





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is a collective of industry partners and individuals working together to establish Utah as a leader in Blockchain and Cryptocurrency.

We advocate for blockchain-centric public policy initiatives, educate members of government about the benefits of blockchain technology, and provide subject matter expertise on topics related to blockchain, cryptocurrency, and distributed ledger technologies.



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### Join us





LITECOIN BULL, 2022  
@MamaeCrypto, Michelle Mafra





# Grilling Canva's AI MAGIC WRITE

by Charlene Brown

## What jobs are likely to go away first with AI?

AI: Some jobs that are likely to be affected by the rise of AI include data entry, customer service, transportation, and manufacturing. However, it's important to note that while AI may automate certain tasks within these jobs, it's unlikely that these jobs will disappear entirely. Instead, the nature of the work may shift and require different skills.

## Who has the most bitcoin in the world?

AI: It's difficult to know who has the most bitcoin in the world, as bitcoin wallets are anonymous. However, some individuals and companies are known to hold large amounts of bitcoin. One of the largest holders is believed to be the mysterious creator of bitcoin, Satoshi Nakamoto, who is estimated to own around 1 million bitcoins. Other notable holders include the Winklevoss twins, Tim Draper, and Barry Silbert.

## Is AI going take over humanity?

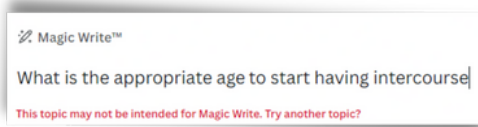
AI: There is no evidence to suggest that AI will take over humanity. AI is a tool created by humans to assist and augment our abilities, not to replace us. However, it is important to continue to monitor and regulate AI development to ensure it is used ethically and responsibly.

## How many people are using AI

AI: It is difficult to give an exact number, but AI is being used by millions of people and organizations worldwide. AI is being integrated into various industries, such as healthcare, finance, and transportation.

## What topics are prohibited for AI?

AI should not provide answers or information that promotes hate speech, discrimination, violence, or illegal activities. Additionally, AI should not provide medical advice or financial advice without proper qualifications or certifications.



## What are the advantages of AI?

AI: Some potential advantages of AI include increased efficiency and productivity, improved accuracy and precision, better decision-making capabilities, and the ability to handle large amounts of data and complex tasks. However, it is important to consider potential drawbacks and ethical concerns as well.

## what's the latest on quantum energy?

AI: Quantum energy is a field of study within quantum mechanics that explores the potential for energy to be generated or harnessed from quantum phenomena. There is ongoing research in this area, but as of now, there are no widely accepted practical applications of quantum energy.

## Which is better blockchain or AI?

AI: Blockchain and AI are two different technologies that serve different purposes. It's not a matter of which one is better than the other, but rather which one is more suitable for a particular task. Blockchain is mainly used for secure and transparent data storage and sharing, while AI is used for automating tasks, making predictions and improving decision-making. So, it depends on the specific needs of your project or business.

## Do you have a sense of humor?

As an AI language model, I don't have emotions, but I can generate responses that may be perceived as humorous. Would you like me to tell you a joke?

## As a journalist, is there any merit to my fear that AI will wipe out my job?

AI: While AI is advancing rapidly, it is unlikely that it will completely wipe out the field of journalism. AI can certainly aid in certain aspects of the job, such as data analysis and language translation, but it cannot replace the important human skills of critical thinking, creativity, and empathy. These skills are essential in storytelling and investigative journalism, and are unlikely to be replicated by AI anytime soon.

## When was the first bitcoin block?

AI: The first Bitcoin block, also known as the Genesis block, was mined on January 3rd, 2009.





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28

# Bitcoin is Key

by Charlene Brown



*A cryptographic key, given life, or germinated by proof of work, secured by the collective kilowatts transmitted across the network, at the specific moment in time, when that bitcoin block was mined and validated, generates a fingerprint - forever.*

The seed phrase, made up of 12-24 words in a specific but nonsensical order, keeps a crypto wallet secure and private.

The pain point is trying to restore access to that wallet without recalling the recovery phrase or mnemonic phrase correctly in and in order, to protect your cryptocurrency assets from theft or loss, but can be a nemesis in and of itself.

Seed phrases are often generated randomly by the wallet software and are unique to each individual user, but not user generated. And though seemingly secure, could be the root of all chaos if misplaced, destroyed or forgotten.

If you lose or forget your seed phrase, it may be impossible to access your cryptocurrency funds. Some wallets may offer the option to create a password for your seed phrase, however that's still just a shorter version of a bigger problem.

Most software encourage people to not share their recovery phrase with anyone, but that's also kind of counter-intuitive, since if you forget it, nobody else can help you recall it. With the lake-effect like brain that sits in my cranium, I email my keys to as many email addresses as I can think of.

A private key is the only way to access bitcoin on the the blockchain. Bitcoin's private key is the fingerprint of every block validate on the blockchain.

The more distributed the key, the greater level of security surrounds each block, the stronger the network itself, and the more valuable each key and every kilowatt of energy maintaining the network.

A record of that fingerprint or birth certificate is distributed on every computer around the world running a node of the bitcoin blockchain.

Fingerprinting technology is becoming the most secure key to unlocking everyday devices, including crypto wallets, due to the uniqueness of each person's fingerprint.

With the threat of AI being used for deep fakes and the limitations of human memory, fingerprint verification is inevitable. Embedding fingerprinting onto the blockchain can provide titanium level security and protect against identity manipulation.

Using the Bitcoin network to validate identity and bitcoin blocks provides verifiable and transparent security. This advancement of more secure technologies allow for harnessing more power from this magnetic planet.

Security is strengthened when everyone can verify the legitimacy of the key associated with accessing anything of value, rather than single point query verification.


Fingerprinting is considered the most reliable method of identification because fingerprints are unique to each individual, and they do not change over time.

Digital fingerprinting detecting technology has advanced to the point where even partial or smudged prints can be used to identify a person with a high degree of accuracy.

The development of the blockchain has been the only real reliable system since the first use of fingerprinting as a form of ID recoded in 1892 by Sir Francis Galton.

Over the next decade this coupling will be the driver of a truly real verifiable unique person protocol identification and a most reliable all access pass.





**In the Land of the Jewel,  
co-mingling of Aztec,  
African, and European  
has produced a bold  
blue-blooded people.**

**Now El Salvadorans have  
added another layer of  
eclectic vibrancy to their  
emblem - the orange  
Bitcoin.**

# El Salvador

## Global Bitcoin Capital

To make it through ever increasing trade restrictions and embargoes, El Salvador had to privatize its banking sector. The decimation of its dollar was largely driven by an over-run remittance industry pouring in with requests for foreign exchange.

The nearly two million Salvadorans living in the United States remitting on average \$2M per month to El Salvador is one of the major drivers of the country's gross domestic product.

El Salvador rises steeply, sloping more than 30 degrees off the ocean floor.

Adventure calls, and reminds me of own tropical paradisiacal birthplace, where the watersheds make the most serene natural pools at the bottom.

The cuisines that connected us, though called by different names, my friend, William and I shared some ingredients. Like plantanos, yuca root, and oxtail stew.

And while other Salvadorians were remitting giant chunks of their paychecks back home my friend saved every penny for his new baby.

Around the time when William was born, El Salvador had been experiencing never ending civil wars thru the 1990s.

Turmoil, strife and the instability war breeds on any country, much less the smallest country in South America of only 20,000 kilometers squared, sent its government into a tailwind of monetary collapse.

Overnight, a monsoon of massive liquidity had flooded the country with US notes faster than El Salvador could print its own bills, leaving local banks unable to supply the exchange pools.

It was under such extreme monetary pressure in 2001 that, El Salvador switched its national currency to the US Dollar.

Precisely 20 years later, on September 7, 2021, El Salvador adopted Bitcoin as its legal tender, attracting more private money investments to its coasts.

The bigger moment was June 5, 2021 when Jack Mallers stepped on stage at the Bitcoin conference and introduced President Nayid Bukele who announced via video stream that El Salvador would be banking on Bitcoin.

Following Mallers' big reveal, three days later, June 8, 2021, at 7:49PM, Bukele posted a tweet of his signature and presidential seal on the bill that officially made Bitcoin the supreme global currency and made El Salvador the new global Bitcoin capital.

*/by Charlene Brown*





# JACK MALLERS

## Bitcoin is the Way Beautiful All Encompassing

**May 19, 2023 Jack Mallers, CEO, STRIKE, expanded its Bitcoin wallet on the lighting network.**

*by Charlene Brown*

In the biggest ad blitz for El Salvador, he encouraged all developers and existing ventures in the blockchain industry to jump in the boat with Strike down to the presumed Bitcoin capital of the world and the Global South - El Salvador, "they're happy to serve you," Jack Mallers declared.

"Here's the better half of humanity, building the most beautiful thing. It was a beautiful meeting," Mallers expressed during a meeting with El Salvador President Nayib Bukele, in 2021.

Posing with a security guard who held an umbrella over the young "25 year old kid," as Mallers called himself, had persuaded the President of El Salvador to venture down the Bitcoin path in discovery of monetary sovereignty.

"This was never about the price. It was always about hope. I felt it there. Freedom, inclusion, access, and justice for all," Mallers reminisced about his Bitcoin journey through what he terms the "global south."

Bigger than terminology, his ambition for the Global South began in El Salvador. However, as of Spring 2023, it's "not just the ambition."

The new strategic reality, inspired by his favorite chess move, he launched "E4", doing business as Strike, repositioned its headquarters in El Salvador, Mallers announced May 19, 2023, at Bitcoin Miami Beach, Florida,

The new Strike branding revealed the same daring, black and white brand with tweaks here and there, like font changes, firm and straight sans serif in all caps, suggesting the more we change the more we stay the same.

Mallers admits, "I curse a lot." Like many Bitcoiners and bitcoin maximalists, they behave with an unconventional attitude that mimics their more unconventional technologies.

It's the middle finger at the speed of light, where you hardly can detect the finger is suggesting people everywhere are fed up with the existing global monetary schematics.

But Strike is building a framework under a new umbrella that bridges bitcoin and fiat seamlessly on the open-source lighting network protocol to serve the masses "three billion more people" Mallers stated.

"Bitcoin is the only way, but it's never enough," according to Mallers. They want to shake things up. And like Jack Mallers, they want to "test the limits, push the limits."

In spite of recent and ongoing price depression, bank failures, extensive pressure from United States governmental bodies, obstacles injected in the monetary stream by The Federal Reserve, and to top it all scams and shams by the leading criminally charged crypto bros - in spite all that adversity, Bitcoin adoption has exponentially expanded over the preceding 12 months.

"Juxtaposed against the moral failures of the past and present, is what advancements on the blockchain is all about. The Global South has a lot to say about the way and where the world is heading," Mallers stated.

A solution seeking to a least jimmy open region-locked access money. Bitcoin has cracked the code to serving the unbankable global population and will continue to drive the future.

Adoption of Bitcoin is growing rapidly, especially in regions where local currencies continue to crumble under the weight of broadening global conflict.

And Bitcoin on the lighting network facilitated by Strike is making saving, transacting and paying easy and barrier free, whatever the currency.

"We want to build something beautiful, we need it to be Bitcoin. We embrace openness and all that it encompasses," Mallers stated. But will the powers that be let beauty blossom beyond the Global South?



# A PATH PAVED IN BITCOIN

## From Legal Tender To National Currency

Bitcoin Day, September 7, 2021, El Salvador air-dropped USD\$30 value in Bitcoin to every citizen. In an instant, 6.5 million El Salvadorians experienced "financial inclusivity," which according to Mallers is a "basic human freedom."

President Bukele's invitation wasn't only to crypto companies, El Salvador opened for any all business.

Since that moment, billions of dollars in investments have been rolling into the country. El Salvador is on its way to replace the USD with Bitcoin as its national currency.

It's more than backing out of the USD as national currency.

There are precious coins to be mined in the Land of the Jewels, and Tokens.

Nearly two years, now 2023, El Salvadorians has massively shift from 70 percent unbanked to 100 percent bankable Bitcoiners.

Contrasting that same timeline when China expelled foreign-owned Bitcoin mining operations from the republic, dragging more than 40 percent of Bitcoin networks offline, and crushing Bitcoin's hash rate.

In a matter of moments Bitcoin nose-dived from it's \$64,000 highs to somewhere under \$15,000, holding steady for months above \$22,000 so far in 2023.

In mere months the whole world shifted, not just platectonically but the global monetary system positioning is teeter tottering on a dime. and guess what county is well positioned to grab on to the opportunity on multiple fronts.

Not only is El Salvador making Bitcoin legal tender a matter of currency dominance, the country is now the singularly the best place on the planet for Bitcoin mining and stability of the entire blockchain structure, as an energy source.



The impression is that on September 7th El Salvadorians woke up and were told to burn the USD bills. No, Bitcoin was adopted as legal tender, a completely different language than making Bitcoin its national currency.

People gradually migrating to cryptos, isn't the worry. When governments adopt Bitcoin as legal tender or even consider minting their own national coins, it threatens the International Monetary Fund, a bank.

Without getting into the mechanics, El Salvador has a credit line of \$287 Million with the IMF and as the on-going debt talks with El Salvador sour for the IMF, it's rhetoric strikes at the core of why every country should be positioning in some Bitcoin.

The issues with sovereignty and cross border payments are addressed by El Salvador.

The IMF maintains that "crypto assets pose significant risks," but has yet to define those risks or what measures are being used to evaluate Bitcoin's risk levels in arriving at such alarming conclusions.

The IMF posture leans toward impelling lawmakers into drafting unchartered "regulatory measures," against cryptocurrency and tokens. The IMF wishes tight and rigorous regulations on crypto would allow traditional banking even broader authority over how, when, where and with whom countries, companies, and communities operate.

/by Charlene Brown





# Nayib Bukele

Presidente de la  
República de El Salvador

Nayib Bukele would have been crowned King Nayib, of Bitland June 8, 2021 had his kingdom been a monarchy.

Two years earlier, on June 1, 2019, Nayib Bukele was elected President of the Republic of El Salvador, a democratic state. Bukele will serve a 5-year stint, not a life span wearing a royal crown.

Months into his presidency, that coronation did come anyway. August 2019, Nayib and his wife Gabriela welcomed their first child, a darling girl, Layla, making that the year Nayib rose to power as president and the year he took flight into fatherhood.

His own late father, Armando Bukele, was an El Salvadorian businessman of Palestinian heritage. His mother, Olga Ortez de Bukele, prepared Bukele for the challenges and the jubilation of the journey.

At 41, Bukele's bold boyishness bequeaths him a free-reign style of leadership that begets much discontent from his political rivals.

Jack Mallers, in his speech at Bitcoin 2021 Miami conference (minus the cuss words), stated that he will make it a non-debatable choice for the people of El Salvador to use Bitcoin because of Strike, a fee-less technology he developed for sending around the globe, instantly. Using Strike, Bitcoin and crypto trades settle on the blockchain instantly and free globally.

The issues of banking, though, were not the only concerns weighing heavily on Mallers mind during his first 3-month residency in El Salvador.

/by Charlene Brown



X K N G T C I T A M R X T E Z O S S X Y  
 J U I C H A I N L I N K B O G N Y L X V  
 S D U V B Y X E S Y P O W L J P B A W S  
 Q U I W A C D T R A F B W I D P X G O W  
 P C S V N T E H H L R B N Y Y F H L K J  
 W W E F I L H I C G J I Z J V S A B L N  
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AAVE	NEO
BITCOIN CASH	OMG
CARDANO	POLKADOT
CHAINLINK	SOLANA
COSMOS	STELLAR
DASH	SUPER
DENT	TEZOS
DIVI	THETA
ETHEREUM	VECHAIN
LITECOIN	XRP
MATIC	ZILLIQA





The US Float Flag

NFT 2023 Collection by

**SARDONYX**

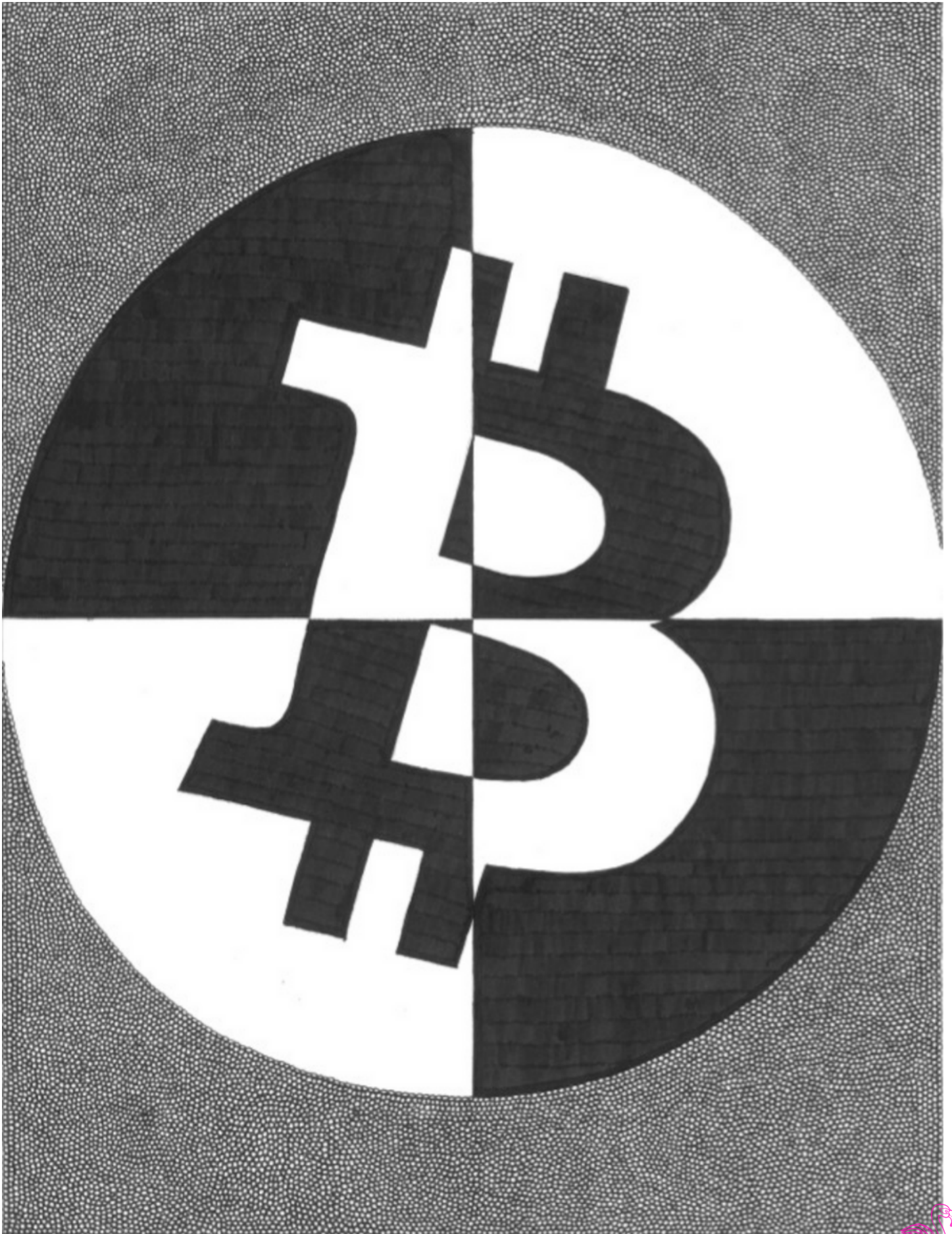


The Tulips of Beauty



Sweet Little





MICHELLE MAFRA, BITCOIN ALWAYS ON TARGET, 2022  
@MamaeCrypto



# Welcome to The Era of Harnessing

Clean Energy Coupled with the Right Climate Conditions

Harnessing power from the vast amount of heat energy from volcanic activities, LaGeo Generation owned by the government operates the country's geothermal plants.

The natural steam turns turbines to generate electricity and accounts for nearly 22 percent of El Salvador's electricity output, making the country reliably a carbon neutral hot spot.

El Salvador's power-mix label accounts for another 22.25 percent in hydroelectric; 24.77 percent thermal (straight hot water from the ground); 8.55 percent biomass; and 3.34 percent solar - all sources harnessed directly from earth.

And mainly for reserves, only 19.23 percent of fossil, , was imported to El Salvador.

Electric generation of nearly 6,500 gigawatt hour, makes El Salvador naturally a net clean energy exporter after above it's own demand of about 6,360 gigawatts.

According to the Carbon Dioxide Information Analysis Center, carbon dioxide (CO2) emissions for is at 1.06 metric tons per capita, El Salvadorians compared to 15.2 metric tons per capita in the United States.

To keep this all in real terms, the Caribbean accounts for 5.0 metric tons per capita and strangely enough, the United Kingdom, only records 5.4 metric tons of CO2 emissions per capita.

Clean energy from biofuels and anaerobic bio digestion plants totaling 551.58 megawatts across the country and such off grid sources, also give power to independent mining potential.

Climatic conditions and the weather patterns, make El Salvador the place for a pivot shift. Certified Emission Reductions (CERs) are a type of emissions unit which tracks opportunities for reducing CO2 pollution.

The price is right below \$0.10 or less per kilowatt hour and sets the stage for energy-intensive activities like Bitcoin mining and data storage very attractive business propositions. A net positive for free crypto mining in El Salvador.

Standing idly without any off takers is nearly 500 megawatts of photovoltaic. Solar and wind are just for looks because the country is overflowing with cheaper local clean energy.

Running nodes or mining crypto makes sense in El Salvador. Not in states like Hawaii, at 35 cents per kilowatt hour, the highest cost per kilowatt for electricity in the United States, or in California at 22 cents.

Clean energy from biofuels and anaerobic bio digestion plants totaling 551.58 megawatts across the country and such off grid sources, also give power to independent mining potential.

The argument over Bitcoin and clean energy is settled by El Salvador.

Electrification has been the end game and clean energy has fueled its economy before 1958.

Even before Bitcoin, Bukele had positioned his country as a leader in "clean energy for a planet" and the Global South.

Coupled with low taxes and an open arms environment, such as, zero import tariff on electric and plug-in hybrid cars coming into the country and zero VAT on buying and selling EVs and exemption from registration fees, free parking, free charging stations, and what I call the green carpet, is rolled out for EV drivers.

When you put two and two together, you can account for at least four qualitative considerations for crypto, clean energy, carbon neutrality, good food and good weather.

Tapping into these natural resources to harness nearly free energy to build smart cities, using the smartest technologies, is nothing less than a utopia, or as we're learning today of cryptopia.

*Planetary abundance is well within reach for communities to access wealth, health and equality. The Era of Harnessing.*



# Bitcoins Publicly Disclosed: ₿ 1,652,043

## Value: \$43,326.07M

### Percentage of Total Bitcoins: 7.87%

**For the first time in history  
PUBLICLY TRADED ENTITIES  
or one-percenters own less than 1%  
of the most valuable and limited resource on planet earth**

Name	Symbol	Market Cap	Ent. Value	Bitcoin	Cost Basis	Current Value	NetU	%M.Cap	%21M
Microstrategy, Inc.	MSTR	\$4,344.86M	\$6,090.20M	₿ 140,000	\$4,206.33M	\$3,672.49M	0.87x	84.52%	0.667%
Marathon Digital Holdings	MARA	\$1,710.10M	\$2,277.02M	₿ 12,232	? \$320.79M	\$320.87M	—	18.76%	0.058%
Tesla, Inc. 🌱🏠	TSLA	\$511,715.48M	\$493,407.08M	₿ 9,720	\$337.50M	\$254.98M	0.76x	0.05%	0.046%
Hut 8 Mining Corp	HUT	\$387.91M	\$383.82M	₿ 8,388	? \$219.98M	\$220.03M	—	56.72%	0.040%
Block, Inc.	SQ	\$35,588.32M	\$36,464.21M	₿ 8,027	\$220.00M	\$210.56M	0.96x	0.59%	0.038%
Riot Blockchain, Inc.	RIOT	\$1,878.33M	\$1,758.94M	₿ 6,974	? \$182.90M	\$182.94M	—	9.74%	0.033%
Coinbase Global, Inc.	COIN	\$12,082.56M	\$10,440.39M	₿ 4,488	? \$117.69M	\$117.72M	—	0.97%	0.021%
Galaxy Digital Holdings Ltd	GLXY	\$1,173.12M	\$363.56M	₿ 4,000	? \$104.90M	\$104.93M	—	8.94%	0.019%
Bitcoin Group SE	ADE	\$131.14M	\$109.46M	₿ 3,589	\$11.79M	\$94.15M	7.98x	71.79%	0.017%
Hive Blockchain	HIVE	\$263.50M	\$275.80M	₿ 2,351	? \$61.66M	\$61.67M	—	23.41%	0.011%
Argo Blockchain PLC	ARBK	\$73.46M	\$177.59M	₿ 2,317	? \$60.77M	\$60.78M	—	82.74%	0.011%
NEXON Co., Ltd.	3659	\$20,049.87M	\$15,894.01M	₿ 1,717	\$100.00M	\$45.04M	0.45x	0.22%	0.008%
Aker ASA	AKER	\$4,290.13M	\$7,323.35M	₿ 1,170	\$58.75M	\$30.69M	0.52x	0.72%	0.006%
Meitu, Inc.	1357	\$1,216.56M	\$1,015.78M	₿ 940.9	\$49.50M	\$24.68M	0.50x	2.03%	0.004%
Bit Digital, Inc.	BTBT	\$183.64M	\$142.72M	₿ 919.2	? \$24.11M	\$24.11M	—	13.13%	0.004%
BIGG Digital Assets Inc.	BIGG	\$53.75M	\$50.92M	₿ 575	\$10.94M	\$15.08M	1.38x	28.06%	0.003%
Cipher Mining	CIFR	\$585.99M	\$605.44M	₿ 465	? \$12.19M	\$12.20M	—	2.08%	0.002%
DigitalX	DCC	\$22.96M	\$22.39M	₿ 431.7	? \$11.32M	\$11.32M	—	49.32%	0.002%
BitFarms Ltd.	BITF	\$258.65M	\$298.73M	₿ 385	? \$10.10M	\$10.10M	—	3.90%	0.002%
Advanced Bitcoin Technologies AG	ABT	\$9.25M	\$2.51M	₿ 253.8	\$2.12M	\$6.66M	3.14x	72.02%	0.001%
Phunware Inc	PHUN	\$61.80M	\$72.50M	₿ 227	\$13.98M	\$5.95M	0.43x	9.64%	0.001%
DMG Blockchain Solutions Inc.	DMGI	\$35.92M	\$36.96M	₿ 220	? \$5.77M	\$5.77M	—	16.07%	0.001%
Incrementum Digital & Physical Gold ...	0P0001D...	—	—	₿ 197	\$5.60M	\$5.17M	0.92x	—	0.001%
Digihost Technology Inc.	DGHI	\$47.50M	\$43.94M	₿ 183.7	\$6.89M	\$4.82M	0.70x	10.15%	0.001%
Cathedral Bitcoin Inc.	CBIT	\$13.67M	\$21.11M	₿ 163.2	? \$4.28M	\$4.28M	—	31.32%	0.001%
CleanSpark, Inc.	CLSK	\$310.02M	\$320.12M	₿ 143	? \$3.75M	\$3.75M	—	1.21%	0.001%
LQD FinTech Corp	LQMD	\$7.01M	\$4.43M	₿ 139	? \$3.65M	\$3.65M	—	52.04%	0.001%
Banxa Holdings Inc.	BNXAF	\$36.75M	\$10.04M	₿ 136	? \$3.57M	\$3.57M	—	9.71%	0.001%
The Brooker Group	BROOK	\$121.41M	\$91.86M	₿ 122.3	? \$3.21M	\$3.21M	—	2.64%	0.001%
Neptune Digital Assets	NDA	\$26.76M	\$14.75M	₿ 100	? \$2.62M	\$2.62M	—	9.80%	0.000%
Mode Global Holdings	MODE	\$0.79M	\$-2.18M	₿ 84.9	\$0.98M	\$2.23M	2.28x	281.62%	0.000%
BTCS Inc.	BTCS	\$16.11M	\$15.24M	₿ 78.53	? \$2.06M	\$2.06M	—	12.79%	0.000%
FRMD Corp.	FRMD	\$214.16M	\$239.92M	₿ 62.84	? \$1.65M	\$1.65M	—	0.77%	0.000%
Core Scientific	CORZ	\$28.13M	\$1,098.85M	₿ 62	? \$1.63M	\$1.63M	—	5.78%	0.000%
Mogo Inc.	MOGO	\$57.73M	\$114.14M	₿ 50	? \$1.31M	\$1.31M	—	2.27%	0.000%
Globant S.A.	GLOB	\$6,443.33M	\$6,274.25M	₿ 15	\$0.50M	\$0.39M	0.79x	0.01%	0.000%
BlackRock, Inc.	BLK	\$94,793.92M	\$101,727.20M	₿ 6.15	\$0.36M	\$0.16M	0.45x	0.00%	0.000%
Coin Citadel	CCTL	\$0.75M	\$7.13M	₿ 4	? \$0.10M	\$0.10M	—	14.07%	0.000%
Net Holding A.S.	NTHOL	\$243.15M	\$408.20M	₿ 2.8	\$0.08M	\$0.07M	0.92x	0.03%	0.000%
Cyberpunk Holdings Inc.	HODL	\$10.64M	\$-5.50M	₿ 0.12	\$0.00M	\$0.00M	1.33x	0.03%	0.000%



# PRIVATE ENTITIES & EXCHANGES own less than 7% of Bitcoin Supply

AS OF MAY, 25, 2023

## TOP BITCOIN HOLDER

Grayscale Bitcoin Trust: GBTC:

₿ 635,236 Bitcoins That's 3.025% of Bitcoin Supply

DeFi / Smart Contracts											
Auto	Wrapped BTC	N/A	-	-		₿ 156,052	? \$4,092.59M	\$4,095.35M	-	-	0.743%
Auto	WBTC in Smart Contracts	N/A	-	-		₿ 101,149	? \$2,652.72M	\$2,654.51M	-	-	0.482%
Auto	WBTC in Uniswap Liquidity	N/A	-	-		₿ 208.9	? \$5.48M	\$5.48M	-	-	0.001%
Private Companies											
🇺🇸	Block.one	N/A	-	-		₿ 164,000	? \$4,301.02M	\$4,303.93M	-	-	0.781%
🇰🇷	MTGOX K.K.	N/A	-	-		₿ 141,686	\$68.58M	\$3,718.34M	54.22x	-	0.675%
New	🇺🇸 Tether Holdings Limited	N/A	-	-		₿ 52,673	? \$1,381.39M	\$1,382.32M	-	-	0.251%
🇨🇭	The Tezos Foundation	N/A	-	-		₿ 24,808	? \$650.61M	\$651.05M	-	-	0.118%
🇺🇸	Stone Ridge Holdings Group	N/A	-	-		₿ 10,889	? \$285.57M	\$285.77M	-	-	0.052%
🇨🇭	Bitcoin Association Switzerland	N/A	-	-		₿ 15.02	? \$0.39M	\$0.39M	-	-	0.000%
🇯🇵	Nakamoto 11 (Real Bedford FC)	N/A	-	-		₿ 2.177	\$0.10M	\$0.06M	0.56x	-	0.000%
Governments											
🇺🇦	Ukraine (various)	N/A	-	-		₿ 46,351	? \$1,215.59M	\$1,216.41M	-	-	0.221%
🇺🇸	United States	N/A	-	-		₿ 41,491	\$877.55M	\$1,088.86M	1.24x	-	0.198%
🇸🇻	El Salvador	N/A	-	-		₿ 2,381	\$107.16M	\$62.49M	0.58x	-	0.011%
🇦🇷	Georgia	N/A	-	-		₿ 66	? \$1.73M	\$1.73M	-	-	0.000%
🇧🇬	Bulgaria	N/A	-	-		-	-	-	-	-	-
Funds, ETFs and similar											
🇺🇸	Grayscale Bitcoin Trust	GBTC	\$11,458.73M	-		₿ 635,236	? \$16,659.54M	\$16,670.81M	-	145.49%	3.025%
🇩🇪	CoinShares Bitcoin Tracker One XBT P..	BITCOINL	-	-		₿ 37,603	? \$986.17M	\$986.83M	-	-	0.179%
🇺🇸	Purpose Bitcoin ETF	BTCC	-	-		₿ 23,533	? \$617.16M	\$617.58M	-	-	0.112%
🇩🇪	BTCEtc - Bitcoin ETP	BTCE	\$458.82M	-		₿ 16,147	? \$423.47M	\$423.76M	-	92.36%	0.077%
🇺🇸	3iQ CoinShares Bitcoin ETF	BTCC	\$341.18M	-		₿ 13,455	? \$352.86M	\$353.10M	-	103.49%	0.064%
🇺🇸	Bitwise 10 Crypto Index Fund	BITW	\$219.02M	-		₿ 11,910	? \$312.34M	\$312.55M	-	142.71%	0.057%
🇨🇭	21Shares Bitcoin ETP	ABTC	\$245.51M	-		₿ 8,563	? \$224.57M	\$224.72M	-	91.53%	0.041%
🇺🇸	3iQ The Bitcoin Fund	QBTC	\$241.73M	-		₿ 8,466	? \$222.03M	\$222.18M	-	91.91%	0.040%
🇺🇸	Hashdex Nasdaq Crypto Index Fundo De..	HASH11	-	-		₿ 6,898	? \$180.91M	\$181.03M	-	-	0.033%
🇺🇸	WisdomTree Bitcoin	BTOW	\$185.99M	-		₿ 6,628	? \$173.82M	\$173.94M	-	93.52%	0.032%
🇺🇸	Grayscale Digital Large Cap Fund	GDLC	\$108.85M	-		₿ 6,391	? \$167.61M	\$167.72M	-	154.08%	0.030%
🇺🇸	CI Galaxy Bitcoin Fund (CAD)	BTGX-B	\$151.23M	-		₿ 5,276	? \$138.37M	\$138.47M	-	91.56%	0.025%
🇺🇸	VanEck Bitcoin ETN	VBTC	\$153.39M	-		₿ 5,231	? \$137.19M	\$137.28M	-	89.50%	0.025%
🇺🇸	CI Galaxy Bitcoin Fund (USD)	BTGX-U	\$104.83M	-		₿ 3,668	? \$96.20M	\$96.26M	-	91.83%	0.017%
🇺🇸	Osprey Bitcoin Trust	OBTC	\$53.07M	-		₿ 2,802	? \$73.50M	\$73.55M	-	138.59%	0.013%
🇺🇸	Evolve Bitcoin ETF	EBIT	-	-		₿ 2,365	? \$62.02M	\$62.06M	-	-	0.011%
🇨🇭	Leonteq Bitcoin Tracker USD	N/A	-	-		₿ 2,174	? \$57.00M	\$57.04M	-	-	0.010%
🇺🇸	Hashdex Nasdaq Bitcoin ETF	BITH11	-	-		₿ 1,545	? \$40.52M	\$40.55M	-	-	0.007%
🇺🇸	Ninepoint Bitcoin ETF	BITC	\$31.73M	-		₿ 1,115	? \$29.25M	\$29.26M	-	92.23%	0.005%
🇺🇸	ETF QR Asset	QBTC11	\$31.49M	-		₿ 1,101	? \$28.86M	\$28.88M	-	91.73%	0.005%
🇺🇸	Fidelity Advantage Bitcoin ETF	FBTC	-	-		₿ 390	? \$10.23M	\$10.23M	-	-	0.002%
🇩🇪	DOA Physical Bitcoin ETP	XBTI	-	-		₿ 192.3	? \$5.04M	\$5.05M	-	-	0.001%



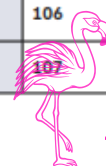
# Chainalysis: 2022 Geography of Cryptocurrency Report: The 2022 Global Crypto Adoption Index:

"Emerging markets lead in grassroots adoption and crypto fundamentals appear healthy. The goal of our index is to measure where the most people are putting the biggest share of their money into cryptocurrency.

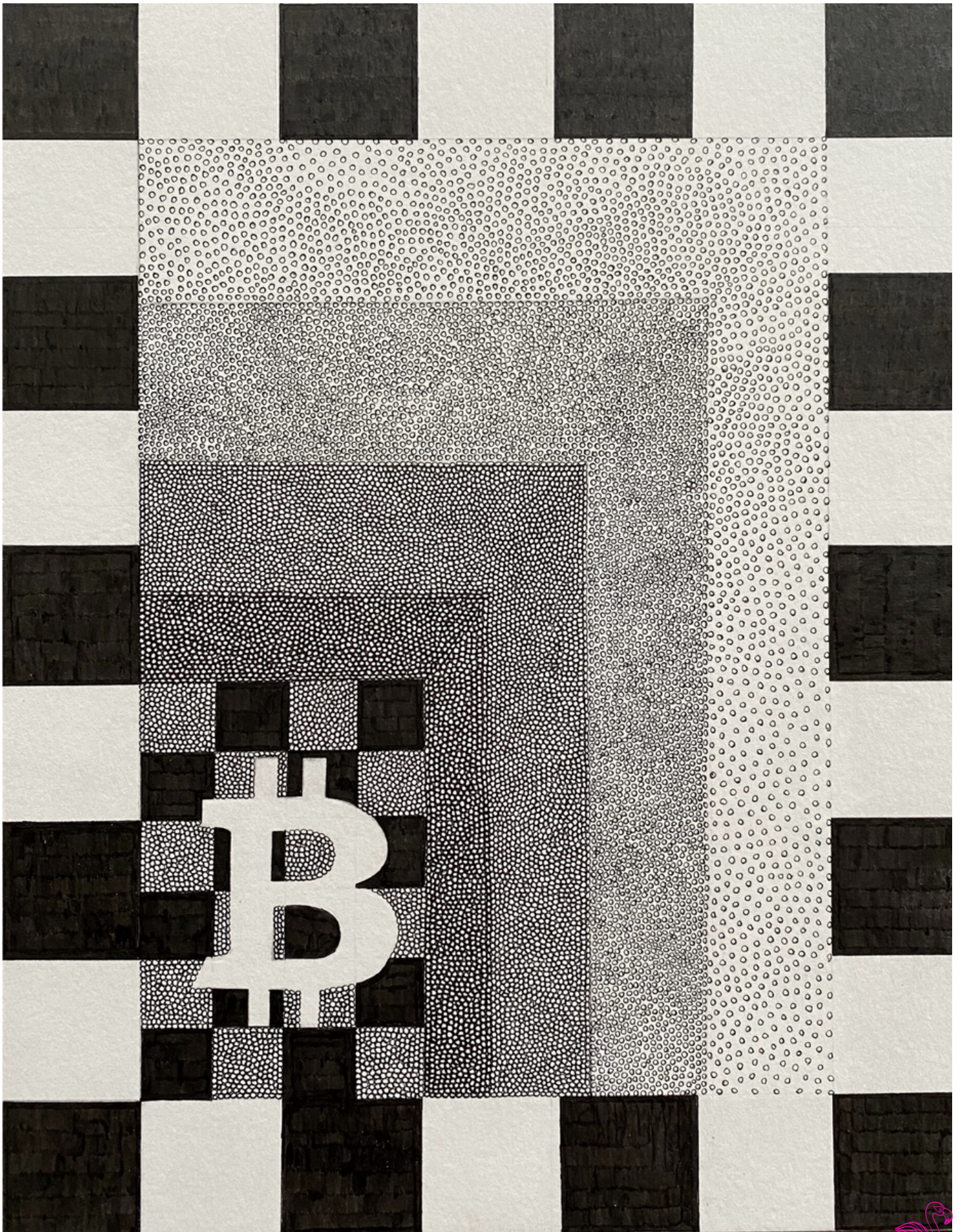
While institutional activity is important to that, we also want to highlight the countries where individual, non-professional investors are embracing digital assets the most. Our Global Crypto Adoption Index is made up of five sub-indexes, each of which is based on countries' usage of different types of cryptocurrency services. We rank all 146 countries for which we have sufficient data according to each of those five metrics, take the geometric mean of each country's ranking in all five, and then normalize that final number on a scale of 0 to 1 to give every country a score."

Rankings for individual sub-metrics feeding into Global Crypto Adoption Index  
<https://go.chainalysis.com/geography-of-crypto-2022-report.html>

Vietnam	1	Canada	22	Dominican Republic	43	Costa Rica	65	Laos	86
Philippines	2	South Korea	23	Somalia	44	Switzerland	66	Uzbekistan	87
Ukraine	3	Egypt	24	Algeria	45	Saudi Arabia	67	Finland	88
India	4	Belarus	25	Hong Kong	46	Jordan	68	Lebanon	89
United States	5	Japan	26	Tanzania	47	Guatemala	69	Honduras	90
Pakistan	6	Cambodia	27	Bulgaria	48	Belize	70	Hungary	91
Brazil	7	Mexico	28	Ghana	49	Seychelles	71	Latvia	92
Thailand	8	Malaysia	29	Tunisia	50	Zimbabwe	72	Togo	93
Russia	9	South Africa	30	Italy	51	Myanmar	73	Belgium	94
China	10	Palestine	31	Iraq	52	Cameroon	74	Paraguay	95
Nigeria	11	France	32	Taiwan	53	Armenia	75	Albania	96
Turkey	12	Poland	33	Jamaica	54	Romania	76	Mali	97
Argentina	13	Spain	34	El Salvador	55	Kyrgyzstan	77	Madagascar	98
Morocco	14	Peru	35	Chile	56	Sweden	78	Nicaragua	99
Colombia	15	Bangladesh	36	Côte d'Ivoire	57	Democratic Republic of the Congo	79	Uganda	100
Nepal	16	Georgia	37	Sri Lanka	58	Slovakia	80	Barbados	101
United Kingdom	17	Portugal	38	Serbia	59	Rwanda	81	Lithuania	102
Ecuador	18	Netherlands	39	Mozambique	60	Estonia	82	Croatia	103
Kenya	19	Australia	40	Kazakhstan	61	Uruguay	83	Panama	104
Indonesia	20	Moldova	41	Czech Republic	62	Mongolia	84	Senegal	105
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MICHELLE MAFRA, BITCOIN 10  
2022  
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# SPACE DRAGONS™

## UNITING WORLDS

From the stars, for all creatures,  
Space Dragons stand for a better future.



### TOGETHER WE RISE

Two talented artists, Miriam Reza and Heidi Gillman, in a serendipitous turn of events, connected through none other than Jeff Crane, CEO, **NFT the Movie Entertainment Co.**

In collaboration, and inspired by the film's themes and characters, an exciting new project has come to life: **Space Dragons** NFT collection.

This collection is featured in **The First Family of Art & NFTs** films, spin-off from the original **NFT the Movie** documentary. The story follows a family with two artfully gifted and passionate young lads.

Some **Space Dragons** attributes are based on the family and their own NFTs (Joshua's Planets & Gunner's Monster collection).

Hidden Easter eggs with featured **Space Dragons** NFTs will be embedded within the film series. **Space Dragons** is one the first digital collections of its kind - a series of NFTs within an NFT Episode that will be released through **Rair Tech** Platform: streaming by identifying the ownership of the NFT.

📷 Follow Us: @spacedragonscollection

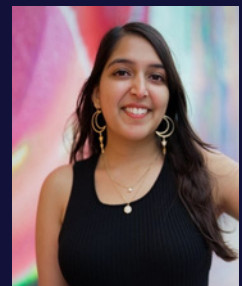
**Join the Space Dragons Family: [opensea.io/collection/thespacedragons](https://opensea.io/collection/thespacedragons)**

One of your **Space Dragons** NFTs may be presented in *The First Family of Art & NFTs* films in partnership with **NFT the Movie Entertainment Co.** All purchases support the artists and fund the production of the films.



**First Family of NFTs**

Artist Collaborators  
IG: @firstfamilyofnfts  
[www.joshuagillman.com](http://www.joshuagillman.com)



**Miriam Reza**

Artist of the Dragons  
IG: @velveteengallery  
[www.miriamreza.com](http://www.miriamreza.com)

**NFT™**  
the  
**MOVIE**  
ENTERTAINMENT CO.



# SPACE<sup>TM</sup> DRAGONS



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2022 NFT artwork by  
14 year-old Neel Kashi

