

Written & Published by Charlene Brown

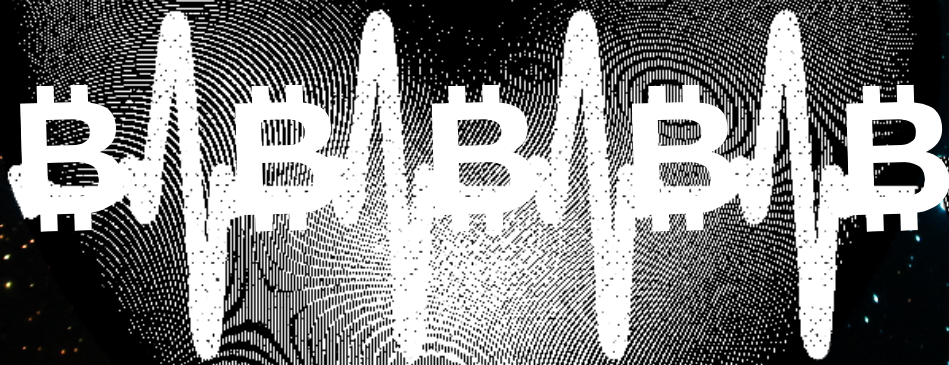
ISSUE APRIL-22-2022

TOKENS MAGAZINE

BITCOIN IS LIFE

Ten States of Bitcoin Matter:

- Bitcoin is Time
- Bitcoin is Force
- Bitcoin is Asset
- Bitcoin is Energy
- Bitcoin is Currency
- Bitcoin is Borderless
- Bitcoin is Technology
- Bitcoin is Self-Governing
- Bitcoin is Owned by Everyone Who Owns Bitcoin



Friday, April 22, 2022
BITCOIN TECH SUMMIT
Utah Valley University



RAVENCOIN

OPEN SOURCE PEER-TO-PEER BLOCKCHAIN
HANDLING THE EFFICIENT CREATION AND
TRANSFER OF ASSETS FROM ONE PARTY TO
ANOTHER.



Ravencoin.org

Ravencoin is a protocol based on a fork of the Bitcoin code which adds features specifically focused on allowing tokens to be issued on the Ravencoin blockchain. These tokens can have whatever properties the issuer of the token decides - so they can be limited in quantity, named and be issued as securities or as collectibles.



ABOUT THE PROJECT

What Makes Ravencoin Different from Bitcoin?

- Block reward of 5,000 RVN instead of 50 BTC.
- Block time of 1 minute instead of 10.
- Total coin supply of 21 billion instead of 21 million.
- A new mining algorithm, KAWPOW which allows for more decentralized mining favoring GPU miners.
- Addition of Asset & Sub-asset issuance, transfer, unique assets (NFT's), and rewards.
- Future addition of messaging and voting.

UNIQUE CHARACTERISTICS OF RAVENCOIN

- Fair launch - Everyone has equal opportunity to mine or purchase RVN since day one.
- ASIC resistant - Uses the KAWPOW hashing algorithm to discourage the development of ASIC hardware
- No pre-mine, no ICO, and no coins held for developer or founders rewards.
- Community Driven, and True Open Source



NFT's

Mint your own NFT's directly from the Ravencoin Core wallet. No coding required.



Security Tokens

Create securities or partnership interest tokens with the built-in ability to pay dividends in \$RVN.



Bitcoin Ethos

Code base is designed to allow users and developers to maintain a secure, decentralized, and tamper resistant network. All are welcome to contribute.

Join the community:



Ravencoin.org/community



NEEL KASHI, 14 year-old

Neel Kashi is currently a high school freshman from San Jose, CA. Neel has been sketching for a few years, experimenting in various mediums. His art demonstrate attention to detail and patience in capturing such intricacies.

He is thrilled and finds it immensely gratifying that his hobby is getting this much attention as lead artist in 2022. Explore Neel's distinguished work in TOKENS Magazine, April 22, 2022 edition.

Neel has donated most of his art to charities to raise money for educational causes and has been recognized with several awards for his generosity and accomplishments at this tender age of 14.

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TOKENS
MAGAZINE

ISSUE APRIL-22-2022



PETER JAY

Peter Jay is director of Economic Development at Utah Valley University. He holds a Jurist Doctorate and a MBA.

He has a passion for aligning the right people at the right place with the right technology. Peter is consulting with dignitaries locally and internationally in the real estate space.

Peter is versed in compliance, intellectual property, and litigation. As corporate counsel, he drafted and managed contract negotiations for major corporations.



CHARLENE BROWN
Editor, Publisher

Self-acclaimed extraordinaire, vivacious and most witty raconteur - the one and only adjunct professor of blockchain at Utah Valley University.

Charlene makes the connection between clean energy, time, bitcoin, and technology. She's showing you how to get yourself and your business ready for this new digital existence. Welcome to the Era of Harnessing.

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

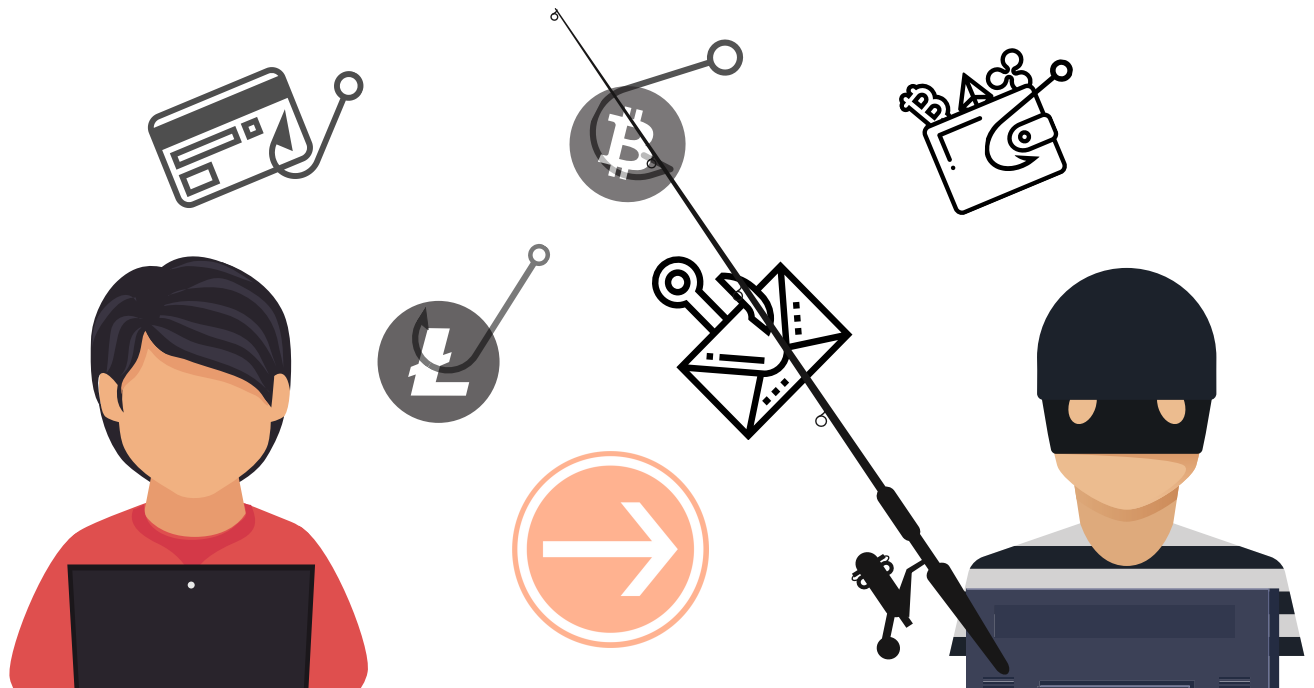
Meet the editor and publisher of TOKENS Magazine, the ultimate meme publication in the metaverse. Talk show radio host, TV producer, and the most banned investigative journalist on planet earth. This is Charlene Brown.

But where she shines the most is where there are no drum rolls, no stage hands, no mic drop moments - teacher and exemplar of perseverance and hard work, jane-of-all trades, but most of all Charlene is the most amazing mom this side of the milky way.

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TOKENS MAGAZINE

The Only Official
Meme Publication
of The Metaverse

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/by CHARLENE BROWN. Editor. Publisher

The brains behind it might seem complex, but today we are finding ways to simplify the process and are designing ease-of-use solutions that anyone can press a button and mint a crypto coin.

Then why mass adoption of digital currency is at a standstill, you might say. But is it, the fact that you know about it and everyone around you knows about it, means we are gaining traction. Often times the undercurrent is moving rapidly while surface activity appears still.

Linguists in Arabic or Hebrew might claim that western languages are inferior because there are more than 12 million words in Arabic compared to only one million English words. On the contrary, I do own one of those 120-piece drill bit sets in a hard plastic case, but I've only used one or two bits, ever. Having a larger tool shed doesn't make me a great handy-gal. So too is having an expansive dictionary hardly makes it easier to convey the right meaning.

Evident by the daily crypto market cap coins continue on the upswing. Hundreds of newly minted coins each day, signify that the metaverse is advancing faster than you can blink. Bitcoin accounts for nearly 50 percent of the market share, but that is expected to decline as popularity of other coins carve out their own niche market over the next short while.

However, Bitcoin will remain dominant forever as all coins are a copy of the bitcoin code to begin with.

As Ethereum strengthens in value, other native coins will likewise rise. The point here isn't in the value of coin versus coin, the topic is how to make it easier for everyone to follow along and conceptualize how cryptocurrencies are more than currencies or an asset class.

The essence is that, cryptocurrency and blockchain is quite simple and easy to create, acquire, or utilize.



/by Neel Kashi

Blockchain technology solves problems. Everybody's token has a use case, and some coins offer solutions for the entire network.

Thumbing through TOKENS Magazine, you'll find yourself growing a sticky thumb, diving into each story with eagerness and renewed interest. You'll wonder why you hadn't thought of that, or thought of it in that way.

From the pages of knowledge downloaded from expert brains, you should find a nugget or two - at least that's my hope for each set of eyes that catches a glimpse of this edition and subsequent renditions of TOKENS Magazine curating the cryptocurrency lexicon



Not Your Average Bookkeepers

Julie DeLong,
Backyard Bookkeeper

TRACKING DIGITAL ASSETS FOR SMALL BUSINESS

The past year or two we've been seeing more entrepreneurs doing things with digital assets within their businesses. They might accept cryptocurrency from customers, mint NFTs as part of their brand or operations, mine crypto to create an additional stream of business revenue, or simply put some of their business savings in digital assets to get a higher rate of return than traditional banks can offer.

This creates some interesting challenges for accountants and bookkeepers. Digital assets such as cryptocurrencies and NFTs have constantly fluctuating values, which can make them complicated to track. A traditional bank account will issue you statements, giving you a running balance of USD in your account. How do you create a ledger for a digital wallet, especially if you have multiple wallets transacting in multiple currencies? How do you report those assets on your balance sheet? What kinds of transactions count as taxable income to the business and how do you report that income on your P&L?

We will cover these questions and others in our workshop at the Bitcoin Crypto Tech Summit. If you are a business owner and you have started incorporating digital assets in your operations, please join us to learn more.

"HOW DO YOU CREATE A LEDGER FOR A DIGITAL WALLET, ESPECIALLY IF YOU HAVE MULTIPLE WALLETS TRANSACTING IN MULTIPLE CURRENCIES?"



Backyard
Bookkeeper

21, \$\$\$, ???

for Financial Institutions

ADAPTED FROM
/ LIOR LAMESH / CO-FOUNDER & CEO
/ GK8 / TEL-AVIV
/ BLOG: 08 MARCH 2022

The 21 million dollar question banks must answer when formulating their blockchain strategy is deceptively simple—how far do we want to go?

Next, how much risk the bank has an appetite for? Banks stand more to lose from any unfortunate incident than a young crypto-native company, and they must act with a full realization of how much damage they can sustain.

Another question for banks, what custodial model will your institution adopt? Custody, or the ability to hold and move crypto assets on clients' behalf, is the foundation enabling banks to offer crypto services.

Ultimately, the choice is between outsourcing to a third-party provider, or self-custody, where the bank takes on the task itself.

Third-party introduces outside risks into the picture, while self-custody takes more effort of the operational theater and can require more time to implement.

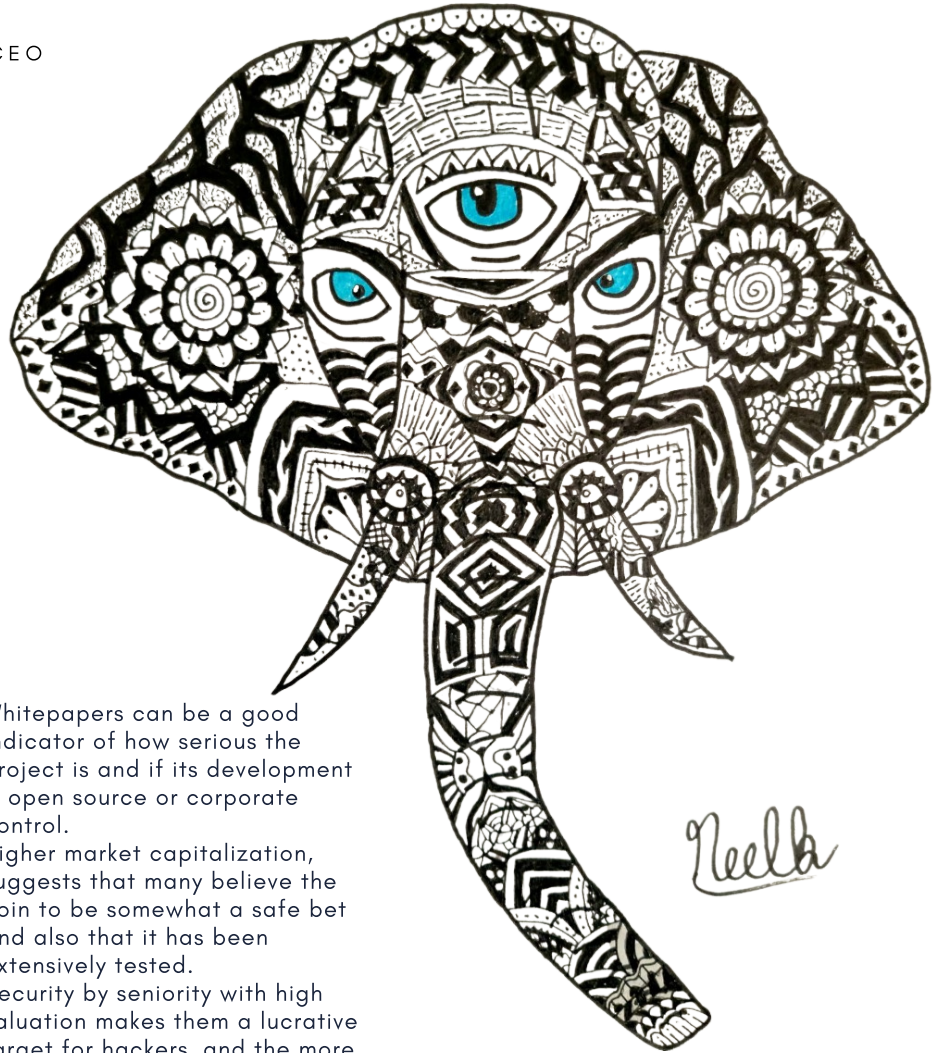
Should they just give customers access to the top five most popular coins to buy and sell? Or is it an all-out advance, with access to native staking, DeFi, and everything else that blockchain has to offer?

Banks must first and foremost look at risk profile of each crypto coin. Bitcoin may offer a completely different risk level from altcoins. Banks should stick to certain principles:

- Whitepapers can be a good indicator of how serious the project is and if its development is open source or corporate control.
- Higher market capitalization, suggests that many believe the coin to be somewhat a safe bet and also that it has been extensively tested.
- Security by seniority with high valuation makes them a lucrative target for hackers, and the more time malicious actors have had to try (and, ideally, fail) to compromise it, the stronger was the initial design. This goes for both layer-1 and layer-2 protocols.
- Strategy. Banks must seek out the coins with the functions that fit into their overall crypto and corporate strategy.
- Banks need to invest time into the community behind projects they fancy, using testnets and developer community platforms.

Once the fundamentals are out of the way, banks will have to delve into concrete services, parameters and red flags to avoid.

Traditionally, financial institutions tend to venture into new spheres on their own terms and at their own pace – slow. But if they wish to remain relevant and catch up with this new digital cryptocurrency marketplace, they need to operate on the premise that time-is-of-essence.



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REPORT

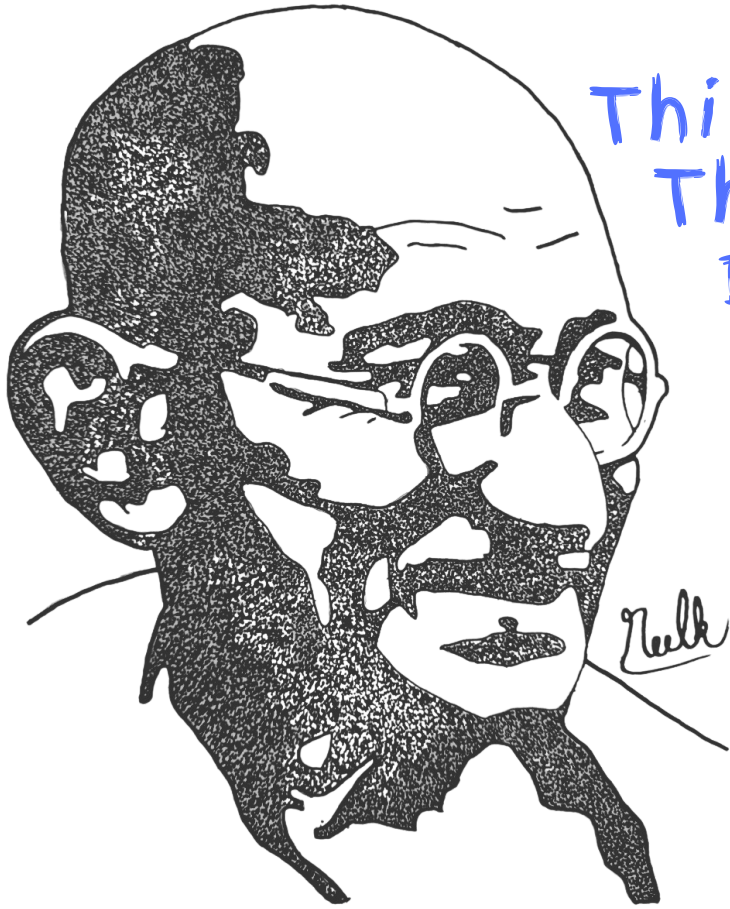


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This Man declares... The War Over Bitcoin is Over

/by Charlene Brown

Twitter is a flurry with mimeographed laser-eyed leaders from Latin American and the Caribbean. Cuba, Argentina, Brazil, Mexico, Panama, Paraguay and Venezuela have all gone crypto.

Besides laser eyes, an abundance of compilations like the 2021 Chainalysis Global Crypto Adoption Index, ranks countries based on Bitcoin and crypto transactions chart below.

Vietnam headlines the top 20 chart, while the United States ranks eight.

Not making predictions, but we could safely make a wild guess that El Salvador will flip the 2022 chart.

Country	Index score	Overall index ranking	Ranking for individual weighted metrics feeding into Global Crypto Adoption Index		
			On-chain value received	On-chain retail value received	P2P exchange trade volume
Vietnam	1.00	1	2	4	3
India	0.37	2	3	2	72
Pakistan	0.36	3	12	11	8
Ukraine	0.29	4	5	6	40
Kenya	0.28	5	28	41	1
Nigeria	0.26	6	10	15	18
Venezuela	0.25	7	22	29	6
United States	0.22	8	4	3	109
Togo	0.19	9	42	47	2
Argentina	0.19	10	17	14	33
Colombia	0.19	11	23	27	12
Thailand	0.17	12	11	7	76
China	0.16	13	1	1	155
Brazil	0.16	14	7	5	113
Philippines	0.16	15	9	10	80
South Africa	0.14	16	16	18	62
Ghana	0.14	17	37	32	10
Russian Federation	0.14	18	6	8	122
Tanzania	0.13	19	45	60	4
Afghanistan	0.13	20	38	53	7

It's here.

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- + Various Factory Protection Plans available



C65 ICHP Microturbine

Electrical Performance⁽¹⁾

Electrical Power Output	65kW
Voltage	400/480 VAC
Electrical Service	3-Phase, 4 Wire Wye
Frequency	50/60 Hz
Electrical Efficiency LHV	29%

Fuel/Engine Characteristics⁽¹⁾

Natural Gas HHV	30.7–47.5 MJ/m ³ (825–1,275 BTU/scf)
Inlet Pressure	517–551 kPa gauge (75–80 psig)
Fuel Flow HHV	888 MJ/hr (842,000 BTU/hr)
Net Heat Rate LHV	12.4 MJ/kWh (11,800 BTU/kWh)

Exhaust Characteristics⁽¹⁾

NOx Emissions @ 15% O ₂	< 9 ppmvd (19 mg/m ³)
Exhaust Mass Flow	0.49 kg/s (1.08 lbm/s)
Exhaust Gas Temperature	309°C (588°F) (Heat Recovery Bypassed)

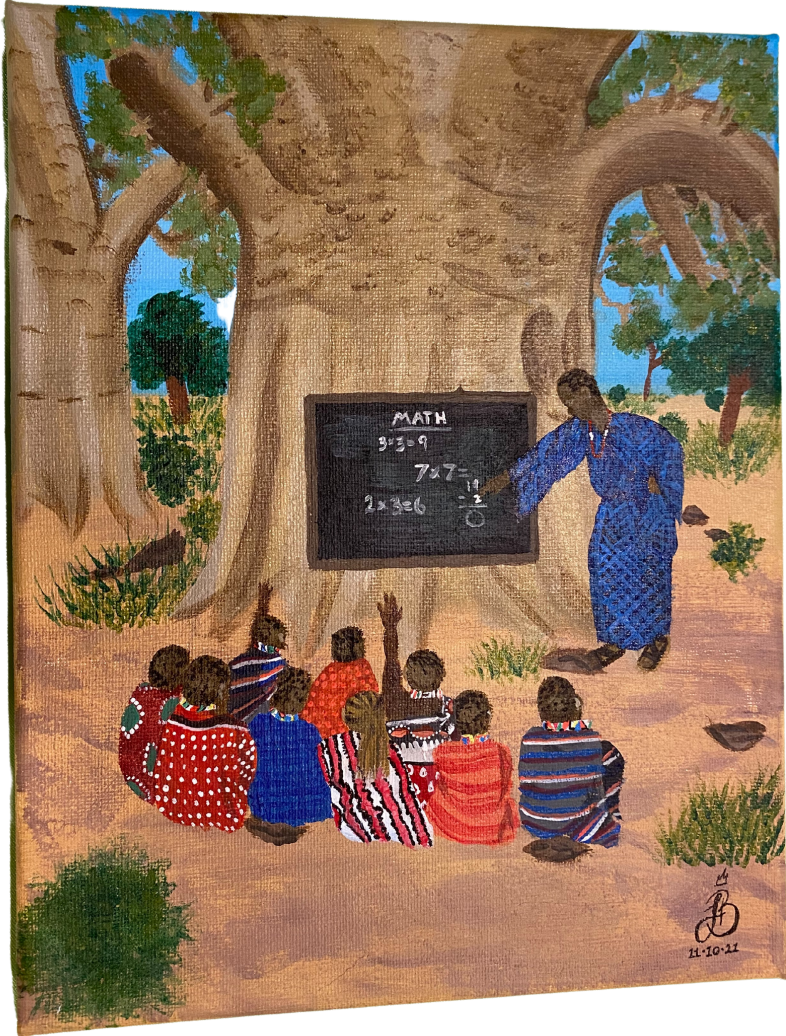
ICHP Heat Recovery⁽²⁾

Integrated Heat Recovery Module Type	Copper Core	Stainless Steel Core
Hot Water Heat Recovery	124kW (0.42 MMBTU/hr)	70kW (0.24 MMBTU/hr)

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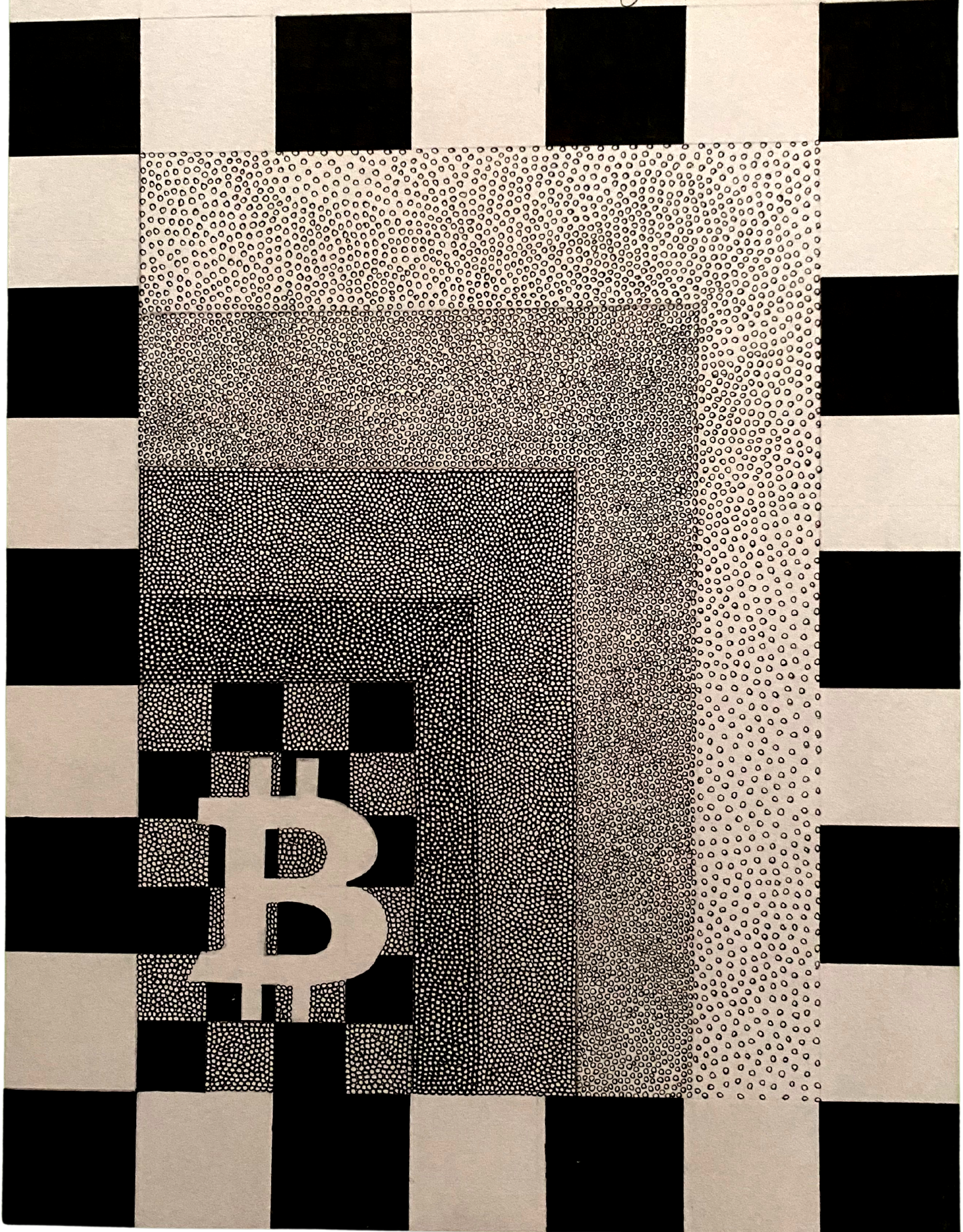
2021
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2021
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KidulleyKofra 2022 @mamalucypt.



Risk-On Risk-Off Risk-it-all



Prevailing economic theory is built upon three pillars: output, money and expectations.

The Fed has been given responsibility for monetary policy in the U.S. and aims to ensure "maximum employment, stable prices and moderate long-term interest rates."

The Fed has three levers it can pull to achieve its goal: 1) open market operations (i.e. "print money"), 2) the discount rate (i.e. "interest rates") and 3) reserve requirements (i.e. "vault deposit rules").

Printing money (by buying bonds and "stuff") and changing interest rates (by changing the rate it charges banks to lend money overnight) are the main mechanisms we've seen the Fed employ in recent memory.

For March 2022, US Consumer Price Index (CPI) rose to 8.5%, as evident in higher prices at the pump and shorter shopping lists at the grocer.

In practice, at such an alarming CPI rates of inflation, a 40-year high, economic sentiment flips. In a "flight to quality" investors go risk-risk off selling their risky tech stocks for and buy bonds or gold.

And what's better than gold? Bitcoin's sound money properties should predispose it toward being a useful hedge against such. We should be seeing investment piling into bitcoin moving its market price to the moon. No?

From observation, while bitcoin's hard money properties make it a risk-off asset for entrenched enthusiasts, the same signals to institutional investors as "risk-on" due to bitcoin's keen resemblance to tech stocks. Its volatility and technology-like asymmetric price upside.

Investors behavior of dumping tech stocks in a flight to quality, might be the cause, they sell stocks alongside blockchain technology.

Not to upset the bitcoin apple cart, but as such, when conversing with institutional players, it would be more temperate to term the narrative around bitcoin as more of an "aspirational store of value."

Yes, a borderless, permissionless, uncensorable, sound monetary system-of-value transfer with a predictable monetary policy make bitcoin theoretically a great store of value.

However, until that narrative penetrates past the 100 million or more people with access to liquidity in bitcoin and other blockchain assets, the idea of store of value will remain conceptual for the rest of the 7.8 billion people who are still far off from the bridge over to the metaverse.

Bitcoin, then isn't quite a risk-off or risk-on asset, not yet. Instead, this first quarter 2022, bitcoin is best classified as a "risk-it-all" asset.

ARTICLE ADAPTED FROM
/ GEORGE KALOUDIS
/ RESEARCH ANALYST
/ COINDESK RESEARCH
/ BLOG: APR 17, 2022

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INTRODUCES

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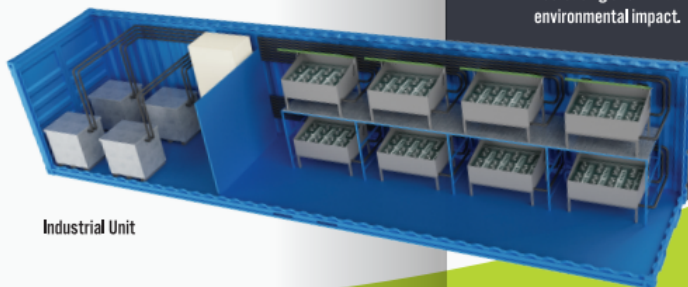


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What is KRYPTO HEAT™

KryptoHeat™ is an innovative crypto mining Heat Energy Recovery Option (HERO) which allows you to capture the heat generated by crypto mining and reuse it for useful purposes.

By allowing us to use energy already being consumed for other needs to mine crypto, KryptoHeat™ allows us to mine cryptocurrency without increasing energy usage thus providing for a green earth friendly option for proof of work crypto currencies.



Industrial Unit

How does it work

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Benefits of KRYPTO HEAT™

-  **QUIET:** KryptoHeat™ immersion cooling system allows for near silent running of crypto miners, allowing mining to occur anywhere with a power source and internet connection.
-  **ECONOMICAL:** KryptoHeat™ is inexpensive and in many scenarios, costs can be completely offset.
-  **ENVIRONMENTALLY FRIENDLY:** KryptoHeat™ allows you to mine crypto using energy already used for other needs.
-  **EASY TO USE:** KryptoHeat™ is easy to install and works directly inline with existing systems.
-  **VERSATILE:** KryptoHeat™ can be used as a heat source for many different needs.
-  **RESILIENT:** KryptoHeats™ built in Thermal Energy Storage system can provide hot water for hours should a power outage occur.
-  **SCALABLE:** KryptoHeat™ systems come in many sizes to meet just about any application.

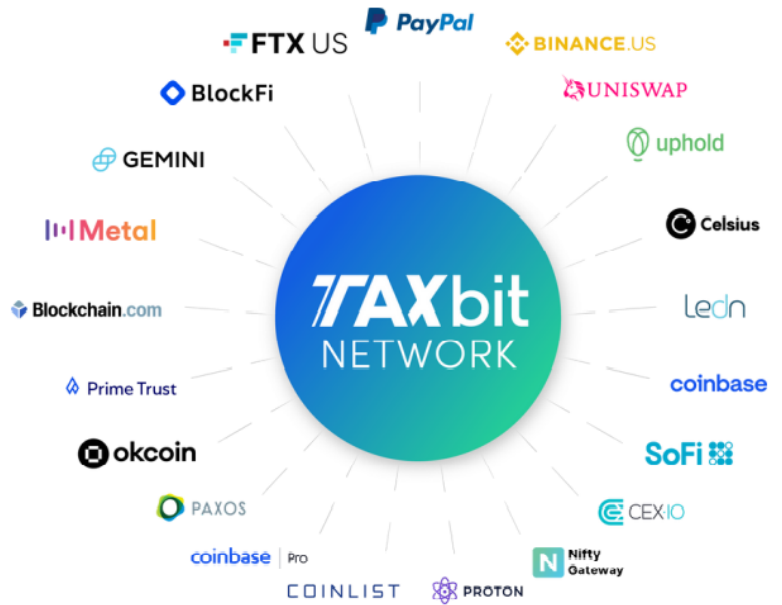
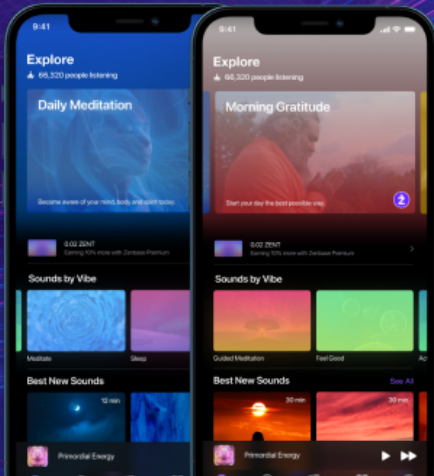
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April 22, 2022



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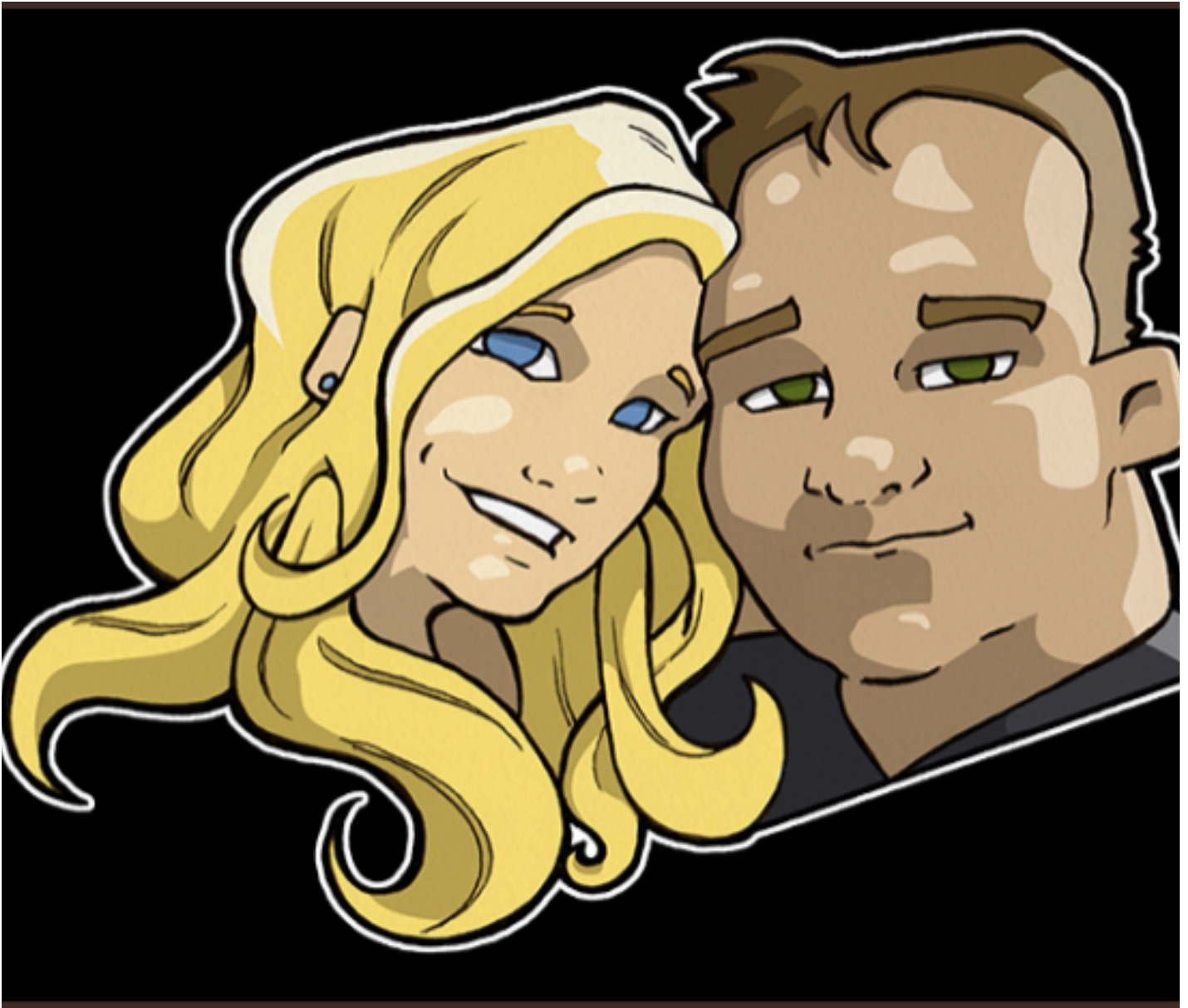
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/BY CHARLENE BROWN

BITCOIN

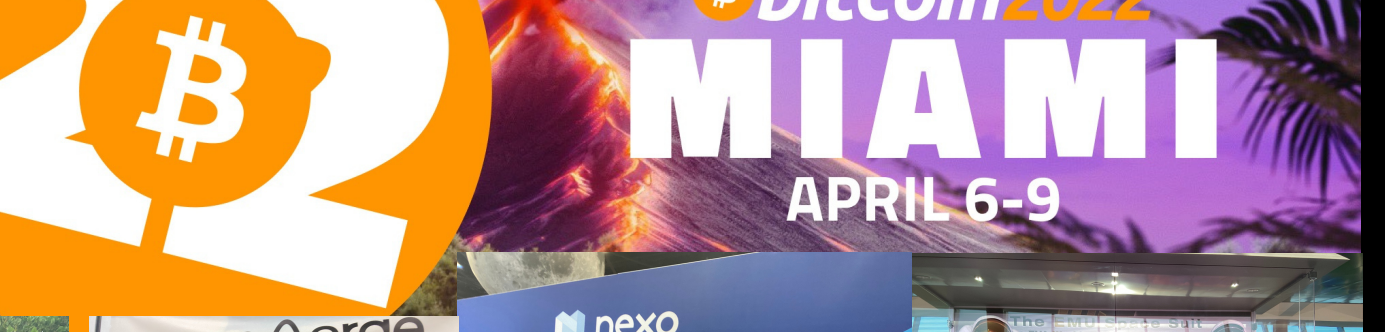
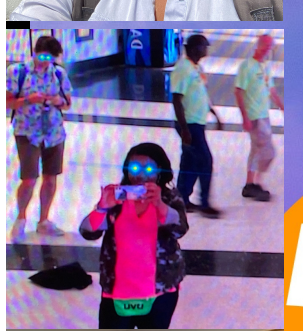
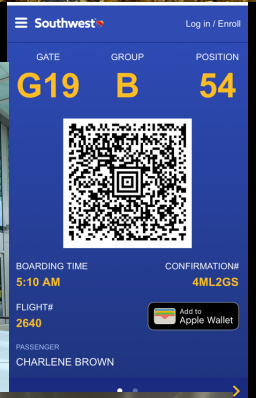
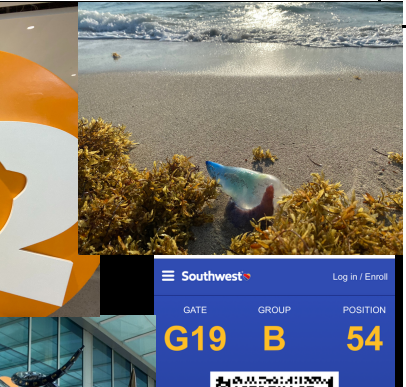
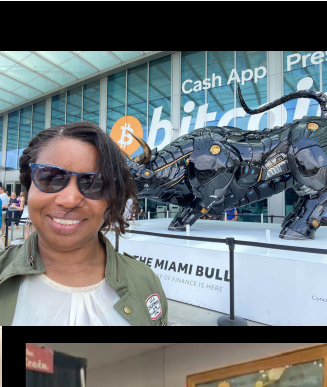
A FORCE


FOR GOOD

THE GREAT
ARBITRATOR

BORDERLESS







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

Bitcoin Base Camp

I can't say I know too many El Salvadorians, my former co-worker Doug Ruiz at Southern California Edison, and my former staffer William, with his El Salvadorian twist on my Jamaican recipes.

William's touch created a gastronomical fusion at my island restaurant in Mililani, Hawaii.

I must say, his good natured and no-problem-man attitude kept our customers returning for lunch and for dinner, or, it might have been the food.

The cuisines that connected us, though called by different names, share the same ingredients.

My favorite Pupusas, sweet plantanos, fried yuca root, oxtail stew, trip and beans - were gone before the lid was off the pot.

That was 2015. At the time, while every other Salvadorian we knew were western-unioning a significant chunk of their paychecks back home, William was saving for his new baby.

Nearly two million Salvadorans remitting millions of dollars daily from the US to El Salvador is one of the major drivers of the country's gross domestic product.

Back in the 1990s, around the time when William was born, El Salvador had been going through civil war after civil war. No need to enumerate all the destruction, turmoil and instability war breeds on any country, much more the smallest country in South America of 20,000 kilometers squared.

The government had struggled to get a handle on its currency's supply and distribution.

El Salvador rises steeply, sloping more than 30 degrees off the Pacific Ocean floor. Adventure calls, as those watersheds make for the most serene pools at the bottom. At the same time a drop of rain can cause massive mudslides.

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.

Overnight, a monsoon of massive liquidity had flooded the country with US notes faster than El Salvador could print its own bills.

A shortage of physical local currency, left banks unable to supply the exchange pools. Under extreme monetary pressure, in 2001, El Salvador switched to the USD as its national currency.

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.

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.

/by Charlene Brown

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

Since that moment, more than one billion dollars of investments have rolled into the country.

Bitcoin Day, September 7, 2021, El Salvador air-dropped \$30 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."

Bitcoin week is turning into Bitcoin month and from here on out

We could explore each of these fronts separately, but time is gone, and after pulling the magazine off the press for the third time, we must go to print. And so I am jamming as much as I believe you can tolerate into this one

El Salvadorians will massively shift from 70 percent unbanked to 100 percent Bitcoin owners.

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 its \$64,000 highs to somewhere under \$29,000.

In mere months the whole world shifted, not just platectonically but the global monetary system positioning is teeter tottering on a dime. and

article, knowing full well that I'm leaving you in a maze with no exit, and you'll mentally be twisting and turning to find a way to get out of this story, guess who 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.

The argument about Bitcoin and clean energy is answered by El Salvador.

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

The debate on whether Bitcoin will take over the USD is already solved, duh, Bitcoin is trading near \$50,000 to \$1USD.

but the intrigue is too vivifying. Here would be a good spot to stick a book marker or crease the edge of this page. I'll be here...

El Salvador is on its way to replace the USD with Bitcoin as its national currency.

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.

Upon El Salvador's June 5th Bitcoin, the IMF was shocked at the news, but they were more irked at Bukele's mic-dropping moment.

The IMF was in on-going talks with El Salvador around that time.

During a briefing, ahead of a June 10, 2021, meeting with Bukele, when confronted an empurpled Gerry Rice, spokesman at the IMF laconically responded

about the IMF's position on El Salvador going crypto: "What I would say is that adoption of bitcoin as legal tender raises a number of macro-economic, financial and legal issues that require very careful analysis," Rice stated.

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 impeling lawmakers into drafting unchartered "regulatory measures," against cryptocurrency and tokens, which the IMF wishes would grant traditional banking agencies more authority in "dealing with them," Rice curtly stated.

Banking on Bitcoin, though, El Salvador is already hinting it could get out from IMF dependency. Projected annual GDP growth could rise over 5 percentage points during year-one roll out.

For El Salvadorians themselves, Bitcoin adoption has been quite natural. Mind you El Salvadorians had been using Bitcoin and other non-banking mechanisms to trade long before crypto was popularized. Bitcoin was the people's choice.

For a people whose income streams and everyday spending rely as heavily on remittances, Bitcoin migration and adoption comes down to basic economics.

If William sends \$100USD to his mother in El Salvador, after fees, fees, and more fees, when she collects the bills at the remittance counter, she might take home \$63.

And that's after William has already paid the extra \$7 to send the money in the first place. Walmart charges around \$4 per \$100 in remittance fees, but still once the money hits the shores of El Salvador, every local entity from national to municipal must get a portion of that remittance, as well as the trading post must collect their cut.

We're not limited to a single pathway to the solutions that will bring the whole world out of financial oppression. El Salvador means more than just buying and selling using Bitcoin.

It means more than William sending \$100 worth of Bitcoin on the Lightning Network and his mother collecting \$100 Bitcoin on the other end. 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.

/by Charlene Brown

Presidente de la República de El Salvador

Nayib Bukele

Nayib Bukele would have been crowned King Nayib, of Bitland June 1st, 2019 had his kingdom been a monarchy.

As President of the Republic of El Salvador a democratic state, Nayib will serve a 5-year stint, not a life span wearing a royal crown.

Months into his presidency, that coronation did come. Nayib and his wife Gabriela welcomed their first child, a darling girl, Layla, August 2019, 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.

Now 39, 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



Welcome to the Era of Harnessing Clean Energy with Smarter Tech

/by Charlene Brown

Electrifying El Salvador, isn't a tagline or community banner, that's due to the fact that El Salvador has been largely electric since 1958, with its initial geothermal reconnaissance. Government owned LaGeo Generation operates the country's geothermal plants, producing natural steam that turns turbines to generate electricity and accounts for nearly 22 percent of El Salvador's electricity output.

As a top hydro-electric and geothermal producing country, El Salvador has largely been a clean energy, carbon neutral hot spot.

Clean energy leads its power-mix label with 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 being harnessed from mother earth.

Only 19.23 percent of fossil, mainly for reserves, was imported to El Salvador in 2019.

That same year electric generation was nearly 6,482 gigawatt hour, wholesale, making El Salvador naturally a net exporter of clean energy. Its national demand was only about 6,361.4 gigawatts.

His first year in office, Bukele's parliament has already passed a bill in September 2020 for zero import tariff on electric and plug-in hybrid cars coming into the country and zero VAT on buying and selling EVs. That's in addition to government subsidies on EVs.

But as it goes, if you can already afford an electric car, do you really need to be subsidized by the taxpayer, be exempt from vehicle registration fees, get free parking, free electric charging stations, and what I call the green carpet rolled out for you? But that's what EV owners look forward to in El Salvador and other places.

The price per kilowatt hour would remain dirt cheap (outside of profit-making schemes). Currently, priced at 20 cents per kilowatt hour for residential and 16 cents for commercial consumption, mining crypto makes sense in El Salvador. Not in Hawaii, at 33 cents per kilowatt hour, the highest cost per kilowatt for electricity in the United States, ahead of California at 22 cents. In Utah, where this laptop is running, the cost per kilowatt hour is under 11 cents.

Though Utah has always been good ground for mining Bitcoin, when several mining operations shut down after just a few years on the network, what made the news was the gigantic electric bill the next tenant inherited. A story for another time.

However, we couldn't go on with this article without mentioning that El Salvador still generates significant amounts of electricity from several biofuels and anaerobic bio digestion plants totalling 551.58 megawatts across the country.

When it comes to wind, though viable, it's still not necessary for fast popup crypto mining operations in El Salvador. There is nearly 500 megawatts of photovoltaic electricity standing idly, or being grounded offshore. Solar and wind are just for looks, we will get into that at another time.

We haven't talked about the AMP networking protocol that makes crypto settlements instant by bypassing time and place. Neither have we the time to dive into the Chivo wallet, the hiccups and chokeholds it has on the \$30 airdropped Bitcoin to all El Salvadorians.

Even before President Bukele the Republic of El Salvador had structured itself on the map as a leader in "clean energy for a planet".

According to data collected since 1990 sourced by the Carbon Dioxide Information Analysis Center, Oak Ridge National Laboratory in Tennessee, carbon dioxide (CO2) emissions for El Salvadorians is at 1.06 metric tons per capita, compared to the Americans at 15.2 metric tons per capita.

To keep this all in perspective, 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.

Climatic conditions, not 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 pollution from CO2. This is a mechanism employed by the US Department of Energy, instigated by rules of the Kyoto Protocol on climate change.

When you consider the possibility of tapping into natural resources to harness clean energy to supply smart cities, using smarter technologies, and when you realize that we have an abundance of wealth to make it happen fast, you can't help but get excited to part of this new Era of Harnessing.

Quest Crypto Presents...
HOME EQUITY TOKENS AND COINS

HETAC

Out with HELOC... in with HETAC



Utah Summit: Utility, Bitcoin, Energy, Tech
Friday, OCT. 1st, 2021

Get paid to live
in your own home →

Reserve your
Occupancy Rights →

Perpetual
Equity Reserves →

No Mortgages
No Loans
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Debt FREE →

HOMES & SUBDIVISIONS →
ISLANDS & TERRITORIES →
DEVELOPND & →
UNDEVELOPMENT →
Real Estate EQUITY
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Bitcoin is Asset

Benefits of a Standardized Classification System

ARTICLE ADAPTED FROM
/ JAMES MCDONALD
/ PRODUCT MANAGER
/ DATA AND ANALYTICS
/ LUKKA

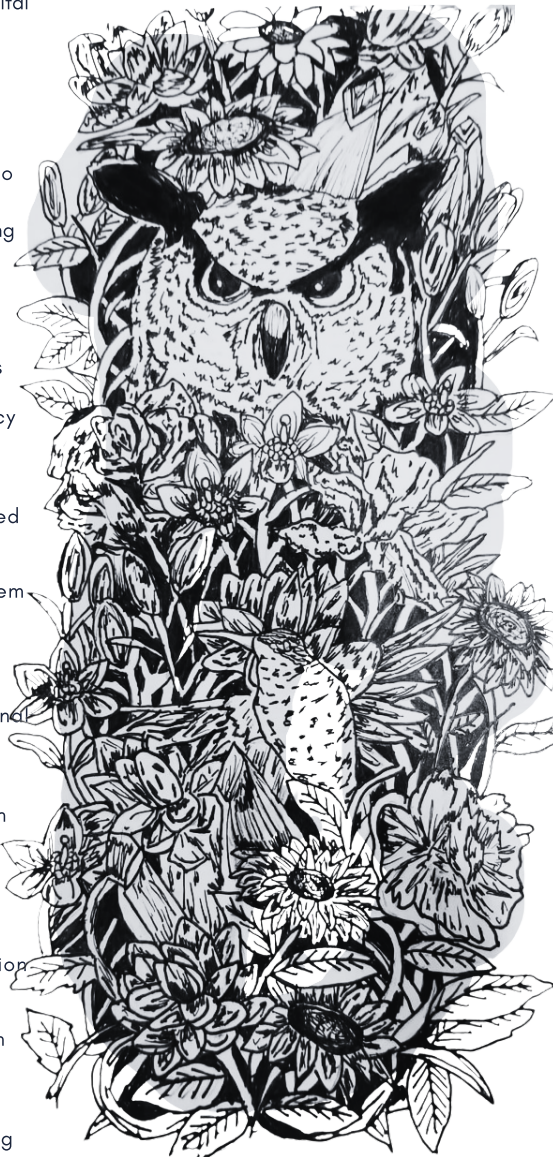
Applying a sector classification to digital asset class will increase access for market participants through the transparency, clarity, and stability.

Asset sector categorization allows investors to overlay traditional portfolio management methods within the portfolio construction process, allowing investors to analyze and compare risk and return metrics across various sectors,

Broader adoption of digital assets supplements the growth of the sector, as well as adding efficiency to the portfolio management scheme. Investors have a need to examine historical returns to see how specific assets have performed compared to their sector.

A standardized classification system allows for tailored and rigorous controls in portfolio mandate documentation and subsequent portfolio monitoring. In addition, classification empowers professional money managers and clients to specify more granular controls for investment managers within traditional agreements, such as an Investment Policy Statement or Financial Plan.

A hypothetical investor may compare the 12-month historical performance and standard deviation of returns for assets within the Smart Contract Platforms and Scaling sectors. A manager-driven macro-level view of the fundamentals within the digital assets market, could inform an investment thesis for overweighting or underweighting an allocation to the scaling sector.



Investors are able to gain exposure to certain sectors via sector-specific ETFs in the stock market today, they may demand similar tailored exposure to digital assets.

As regulatory clarity unfolds, investors may see the introduction of products that enable quick exposure to specific corners of the digital assets market.

Investors may choose from an array of products that provide exposure to a specific market segments, such as Metaverse ecosystems, Play to Earn tokens, or DeFi platforms, allowing investors to create more diverse and efficient portfolios.

Adoption of a standardized sector classification system will lead to new digital asset-specific indices, as well as provide a standardized point of comparison for benchmarking.

Self-directed investors could opt to invest in digital assets and gauge their performance against an index that tracks the broader market, such as the S&P Cryptocurrency Broad Digital Market Index (SPCBDM). From another side of the market, a Fund of Funds Manager may look to construct a portfolio of active digital asset hedge funds primarily based on previous performance against the same SPCBDM index benchmark.

The application of a standardized classification system allows for tailored and rigorous controls in portfolio mandate documentation and subsequent portfolio monitoring.

A classification system removes significant barriers to entry for new investors and makes the asset class more digestible at all levels of market participation. Bypassing crypto-jargon and viewing the market via a standardized digital assets sector classification system helps investors understand their investment and increases transparency, stability, and participation.

For the first time in History One-Percenters own < 1% of the 19,016,887.00 BTC Circulating

/as of APRIL 20, 2022

BitcoinTreasuries.NET by @NVK | \$49,832,017,416 | \$62,393,351,374 | 1.3x | ₿ 1,497,511 | 7.13%

BitcoinTreasuries.NET by @NVK	Symbol	Market Cap	% BTC	Purchases/Filings	Cost Basis USD	Today's Value	NgU	Bitcoin	/21M
MicroStrategy LLC	US NADQ:MSTR	\$5,193,592,016	104%	filing	√\$3,965,863,658	\$5,383,829,205	1.4x	₿ 129,218	.615%
Tesla, Inc.	US NADQ:TSLA	\$757,554,688,042	0.2%	Ann (estimate 48k btc)	√\$1,500,000,000	\$1,799,915,040	1.20x	₿ 43,200	.206%
Marathon Digital Holdings	US NADQ:MARA	\$2,147,593,278	16%	Jan25th Ann	√\$188,619,500	\$338,849,006	1.8x	₿ 8,133	.039%
Square inc.	US NADQ:SQ	\$68,963,095,265	0.5%	50M Bitcoin Investment Whitepaper	√\$220,000,000	\$334,442,547	1.5x	₿ 8,027	.038%
Bitfarms Limited	CA NASDAQ:BITF	\$803,954,336	27.2%	Ann	? \$34,307,350	\$218,448,022	6.4x	₿ 5,243	.025%
Hut 8 Mining Corp	CA NADQ:HUT	\$956,290,982	28%		√\$53,313,111	\$269,153,962	5.0x	₿ 6,460	.031%
Coinbase Global, Inc.	US NADQ:COIN	\$32,346,904,519	1%	S1 filing	? \$338,849,006	\$338,849,006		₿ 4,487	.021%
Riot Blockchain, Inc.	US NADQ:RIOT	\$1,683,316,749	11.0%	\$7.2M on Jun-30-2020	√\$38,920,000	\$185,991,221	4.8x	₿ 4,464	.021%
Hive Blockchain	CA NADQ:HIVE	\$925,222,275	18%	Report	? \$167,992,070	\$167,992,070		₿ 4,032	.019%
Galaxy Digital Holdings	CA TSE:GLXY	\$5,506,507,951	3%	\$134M on Jun-30-2020	? \$166,658,800	\$166,658,800		₿ 4,000	.019%
Bitcoin Group SE	DE ADE.DE	Not on G.F.	-	Fin report	? \$153,034,443	\$153,034,443		₿ 3,673	.017%
Argo Blockchain PLC	US NADQ:ARBK	\$314,785,346	30.7%	December 2020	? \$96,537,110	\$96,537,110		₿ 2,317	.011%
NEXON Co. Ltd	US TYO:3659	Not on G.F.	-	100M Apr 2021	√\$100,000,000	\$71,538,290	0.7x	₿ 1,717	.008%

Seetee AS	NO AKER NO	Not on G.F.	-	March 2021	√\$58,599,450	\$48,747,699	0.8x	₿ 1,170	.006%	
Meitu	HK SEHK:1357	Not on G.F.	-	Statement	√\$49,500,000	\$39,202,292	0.8x	₿ 941	.004%	
Bit Digital, Inc.	US NADQ:BTBT	\$190,723,664	10.7%	Jan 2021	? \$20,353,206	\$20,353,206		₿ 489	.002%	
Cyberpunk Holdings Inc.	CA CSE:HODL	\$15,692,156	106%	\$1.63M on Jun-30-2020 +80BTC	? \$5,637,693	\$16,707,545	3x	₿ 401	.002%	
Fidelity Advantage Bitcoin	CA CSE:FBTC	Not on G.F.	-	Info	? \$16,249,233	\$16,249,233		₿ 390	.002%	
BIGG Digital Assets Inc.	CA CNSX:BIGG	\$186,500,313	8%	SEDAR Reports	√\$2,690,387	\$12,499,410	4.8x	₿ 300	.001%	
Advanced Bitcoin Technology	DE ABT GR	Not on G.F.	-	Q1 2018	√\$2,117,978	\$10,576,334	5.0x	₿ 254	.001%	
Phunware Inc	US NADQ:PHUN	\$204,712,346	5%		√\$13,977,226	\$9,457,887	0.7x	₿ 227	.001%	
DMG Blockchain Solutions	CA TSX-V:DMG	\$97,008,651	9%	SEDAR Reports	? \$9,166,234	\$9,166,234		₿ 220	.001%	
DigitalX	AU ASX:DCC	\$52,329,515	17%	215 BTC 2019	√\$874,835	\$8,957,911	10x	₿ 215	.001%	
Incrementum Digital & Phys	US Bloomberg:INDP	\$15,000,000		www.incrementum.com	√\$5,600,000	\$8,207,946	1x	₿ 197	0.00%	
Digihost Technology Inc.	CA TSXV:DHIV	Not on G.F.	-	Feb 2021	√\$6,890,000	\$7,653,805	1.1x	₿ 184	.001%	
Cathedral Bitcoin Inc.	CA TSXV:CBIT	Not on G.F.	-	Q3 2020	? \$6,799,679	\$6,799,679		₿ 163	.001%	
CleanSpark Inc	US NASDAQ:CLSK	\$378,612,613	2%	Ann	? \$5,958,052	\$5,958,052		₿ 143	.001%	
LQWd FinTech Corp	CA TSXV:LQWD	\$19,037,416	30.4%	ann	? \$5,791,393	\$5,791,393		₿ 139	.001%	
Banxa Holdings Inc	CA OTCMKTS:BNXF	\$120,251,793	5%	Ann	? \$5,666,399	\$5,666,399		₿ 136	.001%	
Brooker Group's	TH SETBROOK	Not on G.F.	-	Ann	? \$6,599,916	\$5,096,251	1x	₿ 122	.001%	
Neptune Digital Assets	CA TSX-V:NDA	Not on G.F.	-	Q3 2020	? \$4,166,470	\$4,166,470		₿ 100	.000%	
Mode Global Holdings	UK LON:MODE	Not on G.F.	-	2020 Ann	√\$975,089	\$3,537,175	4x	₿ 85	.000%	
BTCS Inc.	US OTCQB:BTCS	Not on G.F.	-	Filing	? \$3,272,096	\$3,272,096		₿ 79	.000%	
FRMO Corp.	US OTCMKTS:FRMO	\$483,315,094	0.5%	March 21, 2020	? \$2,618,210	\$2,618,210		₿ 63	.000%	
MOGO Financing	CA NADQ:MOGO	\$206,962,779	1.0%	ann	? \$2,083,235	\$2,083,235		₿ 50	.000%	
Phunware, Inc.	US NADQ:PHUN	\$204,712,346	0.5%	Ann		√\$1,499,831	\$1,074,949	1x	₿ 26	.000%
Globant S.A.	US NYSE:GLOB	\$9,778,168,215	0.0%	filing		√\$500,000	\$624,971	1.2x	₿ 15	.000%
BlackRock	US NYSE:BLK	\$108,710,061,034	0.0%	ann		√\$360,000	\$256,238	1x	₿ 6	.000%
Coin Citadel Inc	US OTCMKTS:CCITL	Not on G.F.	-	December 2015 report	? \$166,658,800	? \$166,658,800		₿ 4,000	.000%	
Net Holding Anonim Sirketi	TR IST:NETHL	Not on G.F.	-	Report December 2020	√\$79,800	\$116,661	1.5x	₿ 2,800	.000%	
MITGOX K.K.	JP private	private	-	Report	√\$68,576,024	\$5,903,304,684	86x	₿ 141,686	.675%	
Block one	US private	private	-	Profile	? \$6,833,010,800	\$6,833,010,800		₿ 164,000	.781%	
The Texas Foundation	CH private	private	-	Sept 2020	? \$1,033,617,878	\$1,033,617,878		₿ 24,808	.118%	
Stone Ridge Holdings Group	US private	private	80%	Oct 2020 Ann BTC @ NYDIG	? \$115,000,000	\$453,686,918	4x	₿ 10,889	.052%	
Nakamoto 11 (Bedford FC)	UK private	private	-	Ltd	? \$93,151	\$57,914	0.6x	₿ 1,39	.000%	
Bulgaria	BG gov	gov	-	Reporting	9-93-390-000-000	\$0	0x	₿ 0	.000%	
Ukraine (various)	UA gov	gov	-	https://www.nasdaq.com/articles	? \$2,408,346,874	\$1,931,200,510	1x	₿ 46,351	.221%	
El Salvador	ES gov	gov	-	Reporting	? \$70,455,008	\$70,455,008		₿ 1,691	.003%	
Georgia	GE gov	gov	-	Reporting	? \$2,749,870	\$2,749,870		₿ 66	.000%	
Grayscale Bitcoin Trust	US OTCQX:GBTC	\$20,964,967,103	130%	Info on AUM and Reports OCT 9	\$27,285,594,675	\$27,285,594,675		₿ 664,885	3.12%	
CoinShares / XBT Provider	EU COIN:BTSS	Not on G.F.	-	Info on NAV and Reports OCT 9	\$770,170,932	\$2,905,279,531	3.8x	₿ 69,730	.332%	
Purpose Bitcoin ETF	CA TSX:BTCU(B)	Not on G.F.	-	ETF Info	\$1,249,941,000	\$1,249,941,000		₿ 30,000	.143%	
3iQ The Bitcoin Fund	CA TSX:QBTCU	\$502,679,400		Info on NAV and Reports OCT 9	\$977,412,197	\$977,412,197		₿ 23,459	.112%	
3iQ CoinShares Bitcoin ETF	CA TSX:BTCQ	Not on G.F.	-	ETF Info	\$760,047,457	\$760,047,457		₿ 18,242	.087%	
ETC Group Bitcoin ETP	DE BTCE:GR	Not on G.F.	-	Info on NAV and Reports SEP 4	\$725,840,739	\$725,840,739		₿ 17,421	.083%	
Bitwise 10 Crypto Index Fund	US OTCQX:BITW	Not on G.F.	-	Info on AUM and Reports	\$568,707,853	\$568,707,853		₿ 13,660	.065%	
21Shares AG	CH multiple	Not on G.F.	-	ABSA SW ABTC SW HDOL SW	\$323,708,677	\$323,708,677		₿ 7,769	.037%	

Grayscale Digital Large Cap	US OTCMKTS:GDLC	Not on G.F.	-	Info on AUM	\$307,027,174	\$307,027,174		₿ 7,369	.035%
Ninepoint Bitcoin Trust	CA TSX:BITC.U	Not on G.F.	-	Info on the trust	\$228,463,428	\$308,165,026	1.3x	₿ 7,396	.035%
Hashdex Nasdaq Crypto Inc	BR BVMF:HASH11	Not on G.F.	-	Info on this product	\$250,597,769	\$250,597,769		₿ 6,015	.029%
WisdomTree Bitcoin	CH BTCW:SW	Not on G.F.	-	Info on ETP	\$237,482,063	\$237,482,063		₿ 5,700	.027%
CI Galaxy Bitcoin Fund	CA TSX:BTCGU	Not on G.F.	-	Info on ETF	\$177,659,497	\$177,659,497		₿ 4,264	.020%
VanEck Vectors Bitcoin ETP	US XETRA:VBTC	Not on G.F.	-	Info on ETN	\$177,290,769	\$177,290,769		₿ 4,255	.020%
Leonteq Bitcoin Tracker	US CH UBCTQ	Not on G.F.	-	Info on this AUM	\$106,790,272	\$106,790,272		₿ 2,174	.010%
Evolve Bitcoin ETF	CA TSX:EBIT	Not on G.F.	-	ETF Info	\$95,775,000	\$95,775,000		₿ 2,299	.011%
Osprey Bitcoin Trust	US OBTC	Not on G.F.	-	Info on this AUM	\$68,288,443	\$68,288,443		₿ 1,639	.008%
ETF QR Asset	BR IBOV:QBTC11	Not on G.F.	-	Info on this AUM	\$81,564,835	\$81,564,835		₿ 661	.003%

Regulation...

The Illusive Bitcoin Boogie Man

SUMMARY ADAPTED FROM
SOLIDUS LABS
BLOG: MARCH 9, 2022

Wednesday, March 9, 2022 an long-awaited Executive Order on digital assets has officially been signed by President Joe Biden, giving Bitcoin a 10% boost upon the announcement.

In a nutshell the EO charged the administration on "Ensuring Responsible Innovation in Digital Assets" oversight and promotion of the crypto industry.

Industry mouthpieces hungered and thirsted for regulatory clarity. The tone of the conversation swiftly shifted from banning bitcoin to questions around defining it. Is it a security. Is it a commodity? And "which agency should regulate it."

Eureka! A clear message emerged: Look! there's a shiny new object over here, a cool techy what-you-ma-call-it thing-a-magig, lets poke at it and see what it can do.

The illusive boogie man, regulation, was nowhere to be found in the EO. It did however define some principles and policy directives to ease the fears of the blockchain sector, a positive for the industry.

<https://www.soliduslabs.com/post/biden-executive-order-on-crypto-crossing-the-regulatory-rubicon-towards-a-whole-of-government-approach>



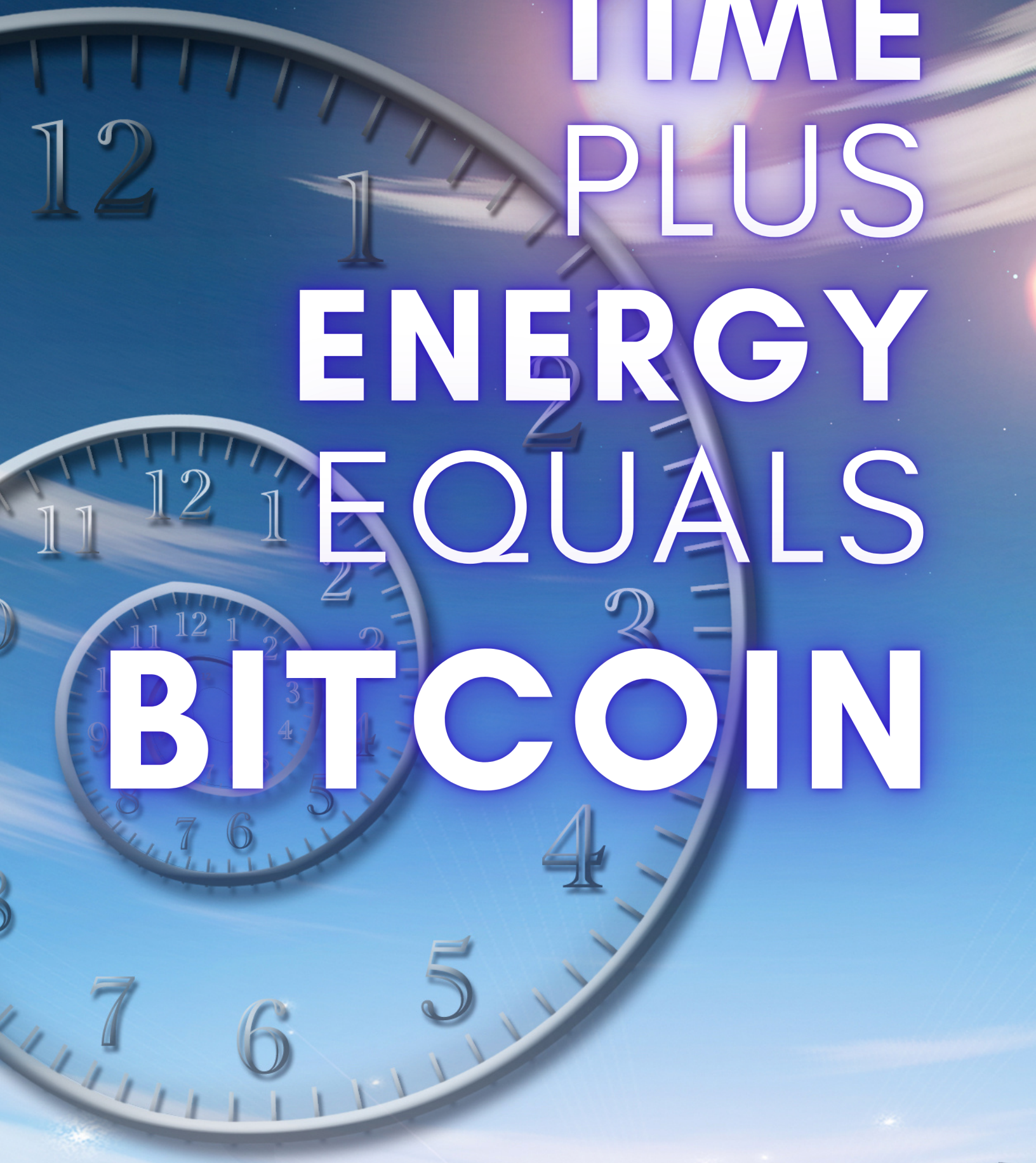
The reckoning of crypto's potential is bursting from the Executive Order, backed by statistics, research, and a commitment to enabling its potential by mitigating its risks.

The industry has crossed the regulatory rubicon: The focus is expanding from the narrow, critical laser on anti-money laundering to developing comprehensive whole-of-government frameworks that include market integrity, anti-market manipulation, consumer protection, and financial stability.

This EO marks the first public action the United States has taken towards a framework on crypto.

/BY CHARLENE BROWN

TIME
PLUS
ENERGY
EQUALS
BITCOIN



The Genesis Block, launched around January 3, 2009, has not stopped running since. Unlike stock exchanges that open and close each day, bitcoin never closes. Unlike absentee banks with holidays and weekends, bitcoin takes no personal-time-off.

Since 2009, that single block of 50 bitcoins has given root to more than 19,000,000 offspring, without a pause. Making these babies consumes certain amount of energy. Hence, the bitcoin protocol is build on Proof-of-Work.

Imagine a state where every electron illuminating every diode at the speed of light resembles the heartbeat of every living being.

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

Each device running the bitcoin node or that's putting sweat equity, so to speak, on the blockchain consumes electricity in performing the task of mining and sustaining the network. To put it in simple mathematical language, I'm testing this hypothesis in my lectures at Utah Valley University. I implore other experts to put this equation to test: time + energy = bitcoin. Same as $T+E=B$

Besides Satoshi Nakamoto himself, MICHAEL DUNWORTH's article in Bitcoin Magazine, March 3, 2022, best made the connection between bitcoin, time and energy.

His dissertation: BITCOIN IS TIME TRAVELING ENERGY, he asserts, "Spending bitcoin into the future transfers incredible amounts of energy over time as the amount of energy per satoshi increases," as his subtitle. Let's borrow excerpts from Dunworth's very lengthy piece. Here goes it...

"We're sending bitcoin into the future, from the past, in an effort to preserve the future. Kind of the opposite to fossil fuels. Because we're giving our fossil (the timelocked sats) to the future, on purpose. Like a map to an oil field that is thousands of years old, or buried treasure, this is no different.

"When more energy is introduced to the system (this is done by "mining"), the system rewards that behavior with a predefined amount based on the block height which was mined.

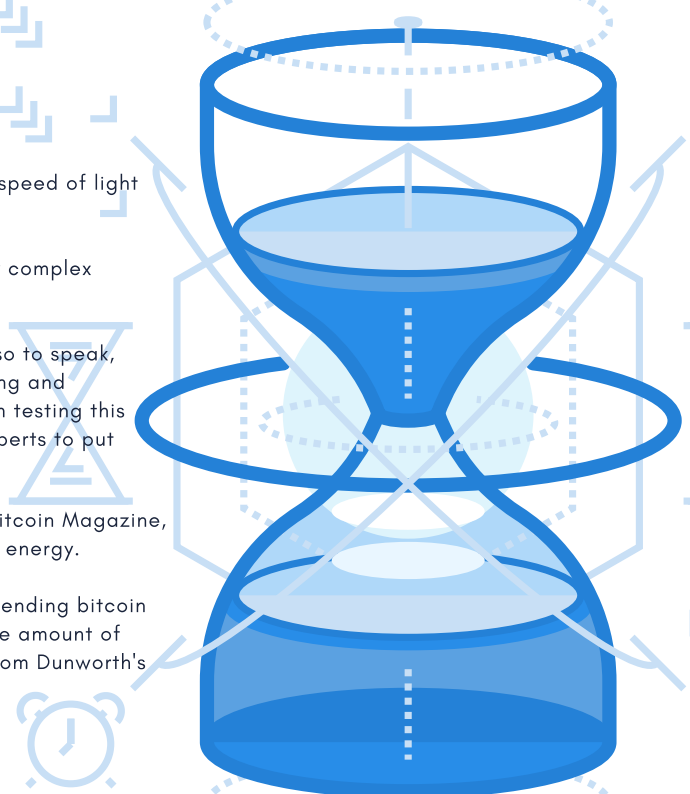
Think about how valuable a single satoshi will be in the future when it is the sole block reward. It will represent an absolutely gargantuan amount of energy.

Thinking about the amount of energy over time, we know that future blocks will carry more energy over time. If the network is valuable today for its immutability, then it will always be more valuable tomorrow if its immutability is unchanged.

The network will grow exponentially, and the amount of electricity represented by a satoshi will be almost all known usable energy known to humanity. An energy blackhole.

This is because the immutability of Bitcoin is a compounding property oriented solely around energy over time.

$$t + e = b$$



The block size, the total amount of bitcoin, and the issuance cycle are the three properties which never change. Additional upgrades that don't amend these properties preserve immutability and so should be possible.

If we know that something will exist at a point in the future, then we know it must exist the duration between now and that point in the future.

Mathematically, we're trying to come out the other side to a world where it is many years into the future when this block would occur. Looking a lot like a wormhole within a higher energy field.

The wormhole is opened using a cryptographic key, secured by the energy of the network, and not the obscurity of the key's attributes. This way, we avoid the necessity for it to be secured through obfuscation and behave the opposite. Meaning the more people that hold this key, the higher the probability for the network longevity it would result in, due to the amount of energy it accesses.

Having an energy system that is perpetually recycling based on the observed laws of thermodynamics in block collisions can be an energy preservation system. If something exists and is immutable, then it can be used for others as clues or pointers to our civilization."

Bitcoin is LIFE

When I remember, I check the bitcoin chart to mark living events in my day. Bitcoin is the only measure I have of real life on planet earth, with real certainty.

It takes hours for my mind to assimilate with my surroundings. When I awake I peer deep into the dim trying to decipher what phase of my existence I'm experiencing.

Usually, I check my cellular phone, but it doesn't mean anything. I wonder what day it is. I wonder if the time is right, I'm often wrong. What I see on the screen with my eyes is not what my brain sees in my head.

It's not that I'm disoriented or confused, I just never know which plane I'm on, time becomes irrelevant. There's probably a medical explanation somewhere. The best I got out of the doctors is lowered cognitive ability, at best mild dementia. But it's more than forgetfulness. It is more like I'm missing a chunk of time from life, specifically 11 days or so.

My brain is then operating as though my life never did stop, for a bit. This condition is a lingering effect from a February 2021 traumatic event.

...I heard my name. And again. "Do you know where you are?" This echoed through my veins with a sharp stinging in my ears. Lights beat down blinding my eyes. My throat. Pain rang increasingly through every muscle with every draw of breath.

...I heard my name. And again. "Do you know where you are?" This echoed through my veins with a sharp stinging in my ears. Lights beat down blinding my eyes. My throat. Pain rang increasingly through every muscle with every draw of breath.



/by Neel Kashi

My name again. A number of medics surrounded me. Why? They seemed happy to see me. More scrubs rushed around. My nose. Something was not right. "Charlene. Charlene. Do you know where you are?"

Searching for sounds, all I found was something to choke on. Was I dead? Where was I? Where was my son? What was happening? That's when I knew for sure I didn't know anything for sure. Perhaps dreaming. What happened? Stress.

Emotional trauma and mental stress at work had boiled over to the point where my entire endocrine system shut down and threw me into a coma. They charted me for type one diabetic coma.

...OR, PERHAPS I'M DREAMING

/BY CHARLENE BROWN

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 and I was transferred from intensive care to general admission.

The hospital released me in a state of half-life. My doctor notated by discharge papers stating that he wasn't convinced of diabetes, rather, there was 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 blur.

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 wouldn't let me take him home and kept him from my bosom for two months too long. The pain of our separation scored 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. I rely on Bitcoin to 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 cycle.

Some use the bitcoin chart for pricing and panicking, I use the bitcoin chart as a reference on life. Bitcoin is my stethoscope, my heartbeat. Hallucinations still blur my sense of reality today (no psychedelics).

Fourteen months later, I really don't know much of what happened. However, the never-slumbering bitcoin chart lets me know I am alive. As long as bitcoin's ticker keeps ticking, I know I'm alive and kicking.

Many friends, mostly strangers, played a role in my continuing recovery. As I searched for an escape from the night's grip on my life, there was one voice, not loud, not harsh, in a still and somewhat fragile tone came the anthem "and we are live."

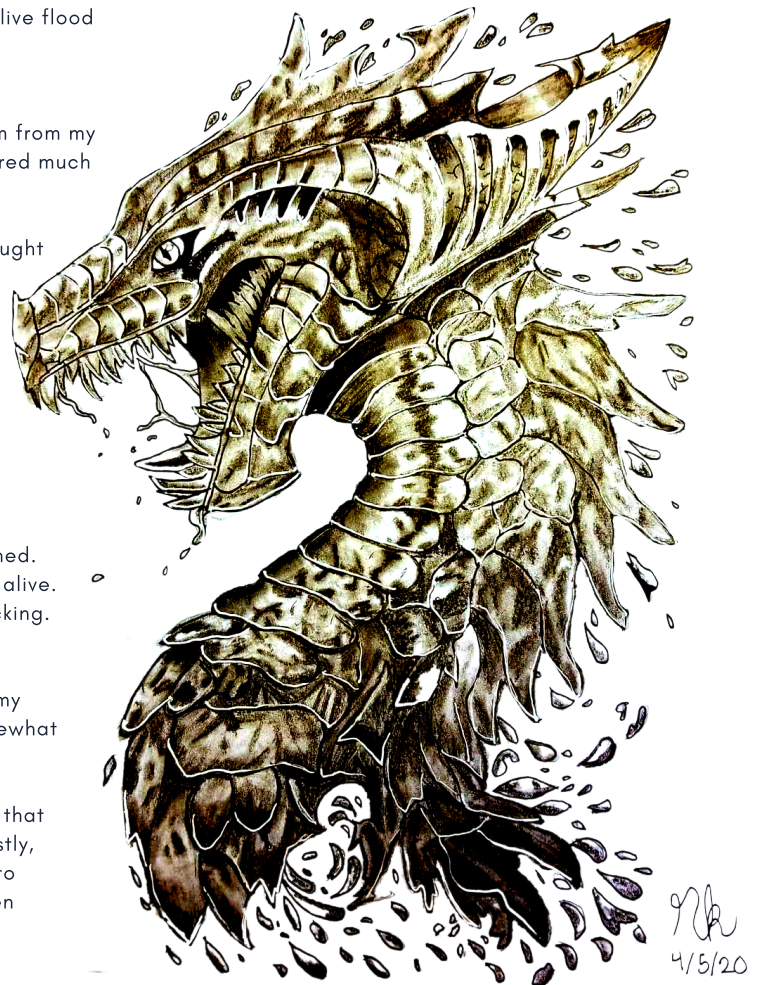
Ben Semchee, host of his name sake the Bitcoin Ben show, was that voice. I had heard him a few times prior to my coma, and honestly, the noises around me and in my head made it even impossible to watch any form of entertainment, no music, not movies, not even worship.

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

Soon I realized his show was in the mornings. I joined his Patreon group. The daily notifications of Ben's shows started to bring some sense of time relevance back into being.

Ben inspired me to start this UtahBitcoinSummit.com. That led me back to Utah Valley University, where I launched my career as a journalist in 2005. I've come full circle to be working (volunteering) at UVU as the adjunct professor of bitcoin and blockchain.

"And We Are Live" became such a pillar to my slumberless nights and mornings. I'm stronger now that I hardly have time to listen to Ben's shows. When I do, my cup runs over with joy that I heard this guy. Seriously, I attribute almost everything I've done these last 14 months in the crypto space to Bitcoin Ben and the timeless bitcoin chart.



/by Neel Kashi

9/5/20

Bitcoin the Great Arbitrator

/BY CHARLENE BROWN

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. Centerstage, Ukraine funds its military and bolsters its borders with crypto donations.

Bitcoin is playing out as a FORCE for GOOD. Though entities try to impose limitations of its users, attempts to stifle its adoption have proven futile.

Bitcoin is a self-governing, self-regulating phenomenon.

While crypto exchanges ban trades using the Russian ruble, many exchanges launch crypto wallets with Ukrainian benefactors.

No matter what side of the conflict your views land - or to whichever ancestry your DNA is rooted, Russia or Ukraine - no doubt whatsoever, you're in bitcoin country baby.

A common denominator in Ukraine and Russia is the blue stripe in each of their flags. As swift as Russia invaded Ukraine early 2022, so swiftly has an orange and white flag been hoisted 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 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 peninsula.

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.



A

FRIDAY, APRIL 22, 2022

7:30AM Speaker / Booth Setup & Check In
 8:00AM: Attendee Check In
 8:15AM: Welcome, Pledge of Allegiance, National Anthem, Prayer
 8:30AM: Introduce Speakers
 8:45AM: 30-Second Speaker Pitch & Photo Op on Stage
 9:00AM: Presentations Begin

8 a m

G

CHARLENE BROWN
 Adjunct Professor
 TOKENS Magazine



RAGAN THEATER
 10 States of BITCOIN

Bitcoin BEN
 Calix Solutions



Secure Your Crypto
 ROOM 213-A

NICKI SANDERS
 JACOB STORY



TAXBIT for Crypto
 ROOM 213-B

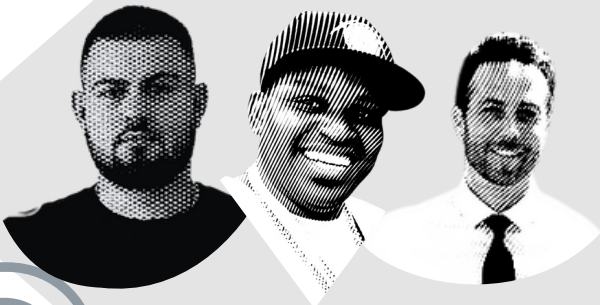
9 a m

15 min Break

E

N

Rafael + Shawn + Charlene + Jeff



Time + Energy = Bitcoin
 Remote-RAGAN THEATER

TRON BLACK
 RavenCoin



Securing RavenCoin
 ROOM 213-A

MIKE WATERS
 Quest Crypto



Real Estate Tokens
 ROOM 213-B

10 a m

15 min Break

D

A

MICHAEL PROPER
 ClearFoundation



Decentralized World
 RAGAN THEATER

JULIE DeLONG
 Backyard Bookkeeper



Crypto Accounting
 ROOM 213-A

CONNOR CHASE
 ZENBase



Mediate For Crypto
 ROOM 213B

11 a m

15 min Break

Ragan Theater, 2nd Floor, Sorenson Center
 Utah Valley University, 800 West University Pkwy

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FRIDAY, APRIL 22, 2022

- 12:00pm: Lunch available for Purchase
- 12:30pm: Live Silent Auction
- 12:45pm: Lisa Davis - Litecoin Lisa
- One o'clock: Bitcoin Ben Semchee - KEYNOTE
- 01:15pm: Graduation & Certificates
- 01:30pm: Acknowledgements
- 01:45pm: Photo Op on Stage



Lisa Davis

Bitcoin BEN



NOON

Blockchain: Where We Are Now



CHARLENE BROWN
Adjunct Professor
TOKENS Magazine



Lisa Davis
Litecoin Lisa



ROB ROBSON
LIFE



JULIE DeLONG
Backyard
Bookkeeper



MIKE WATERS
Quest Crypto

2 pm

15 min Break

Block-to-Future: Era of Harnessing



AMELIA GARDNER
Commissioner



MICHAEL PROPER
ClearFoundation



NICKI SANDERS
TaxBit



Bitcoin BEN
Calix Solutions

3 pm

15 min Break

Tropic Chandler
DJ & Photographer

Prizes
Wallet Giveawys

4:30 pm

The Metaverse Storm The Stage

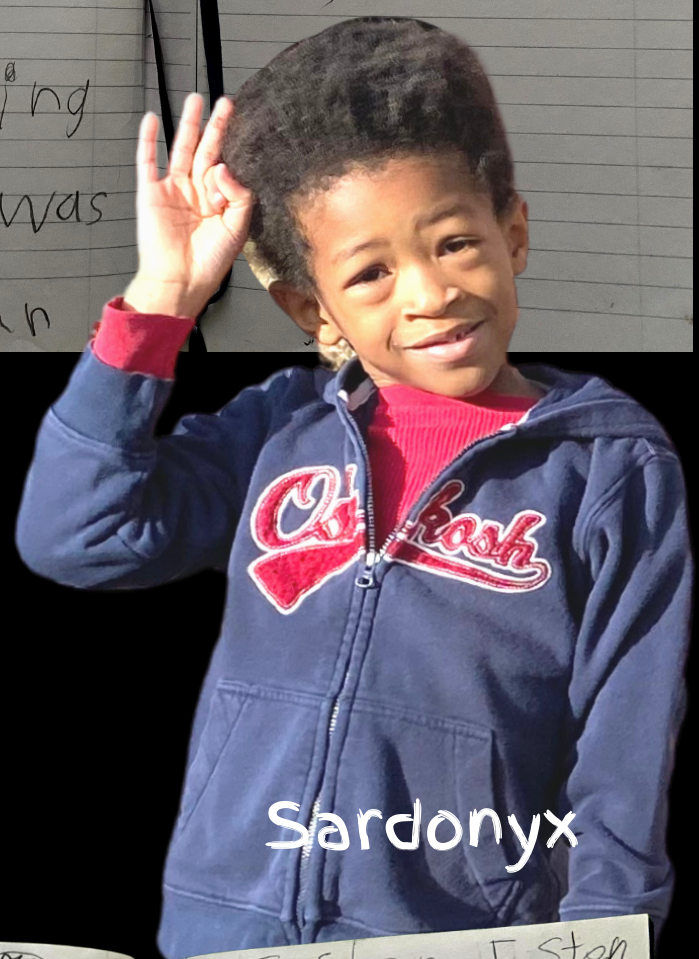
Party Time

Ragan Theater, 2nd Floor, Sorenson Center
Utah Valley University, 800 West University Pkwy

P
A
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S
T

Sardonyx - Hunt
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 outside I see
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 the sun.



Sardonyx

TOKENS
magazine.com



UVU 801-299-9105
 iHeart
 RADIO

Sardonyx

Night
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 and my
 mom is
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 beds for the
 guest. downstairs

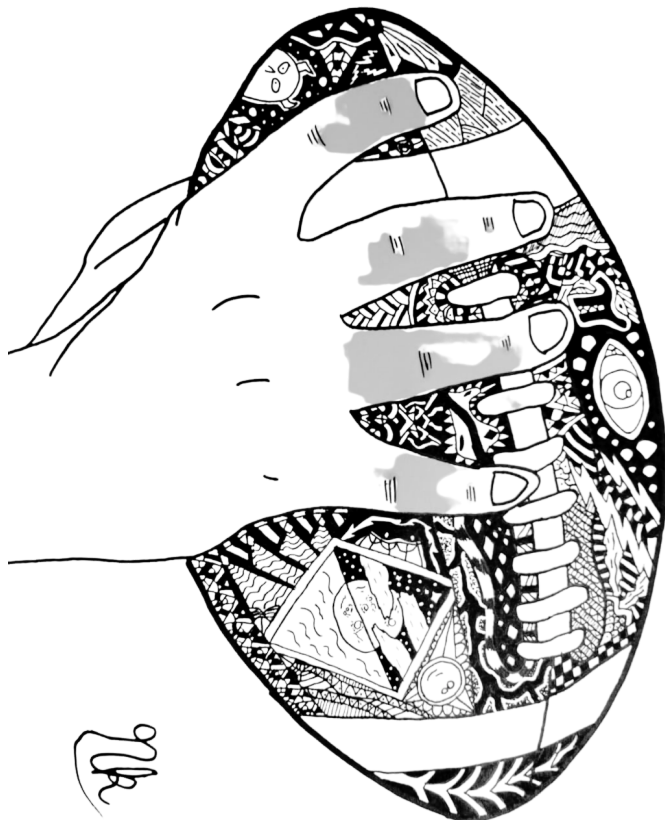
Ester Ester
 ritin by
 Sardonyx
 I am having
 a ester hunt
 but first
 I am going
 to the Hgambthas!



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9. WAR OVER BITCOIN
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11. MICROTURBINE
12. NFT - LOTUS BURNQUIST
13. NFT- GOLDEN SUN LOTUS
14. NFT - MICHELLE MAFRA
15. RISK IT ALL
16. AD - KRYPTOWATT
17. ADS
18. PASSIVE INCOME
19. LITECOIN LISA
20. BITCOIN IS FORCE



/BY Neel Kashi



/BY Neel Kashi

21. MIAMI
22. EL SALVADOR
23. EL SALVADOR
24. PRESIDENT NAYIB BUKELE
25. ERA OF HARNESSING
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UVU CONTINUING EDUCATION

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BITCOIN BASICS

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Dates: 6/7/2022 - 7/12/2022

Times: 7:00 PM - 8:30 PM

Days: Tu

Sessions: 6

Building: [Lehi Campus](#)

Room: TBA

Instructor: Charlene Brown

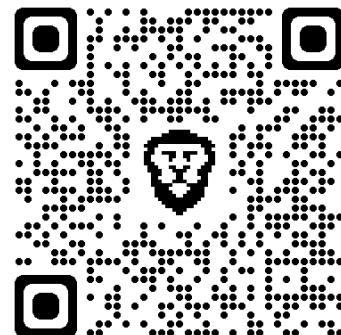
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Blockchain
Certificate of
Completion

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