

Bitcoin and Blockchain Based Cryptocurrencies

WHAT IS BITCOIN?

- Digital Currency
- Open source medium
- Divisible down to 0.00000001 BTC
- Max. 21 million can be issued
- No govt. control



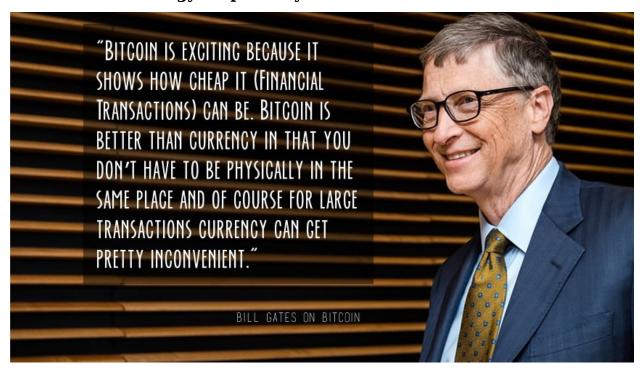
Cryptocurrencies are the newest and most exciting area to invest in. Bitcoin was the first cryptocurrency and is still the largest. It was created by an anonymous programmer who used the pseudonym "Satoshi Nakamoto," and released to the world freely in 2009. It took several years for people to take notice of the technology. The price of Bitcoin stayed at a few cents while it was still a novelty used by programmers and then started to gain traction around 2012. More and more people started to take notice and the price moved past \$1, then past \$10, then past \$100 and \$1000. The market cap is now well over 100 Billion Dollars and in 2017 the price reached more than \$7500 per Bitcoin. Experts have speculated that the price of one Bitcoin will be \$500,000 in the next 3 years and as much as \$9 million in the next 10 years.

Bitcoin is based on something called a blockchain. The word everyone seems to love to use is, "disruptive." Cryptocurrencies, blockchain technology and the idea of a tokenized economy are already disrupting and revolutionizing yet are still in the early stages of disrupting and revolutionizing exchange of value as we know it. Cryptocurrencies are currently the fastest growing assets in the world. The cryptocurrency market is going through an explosive expansion

similar to the expansion of the internet in the early 1990s.

I'll give a brief explanation of some key terms and at the end provide some links and a quick step by step you can do to start making money with Bitcoin. This will explain how you can buy Bitcoin, make profits and convert these currencies back to dollars, euros or your preferred currency. Once you see it, it's really simple.

Blockchain Technology Inspired by Bitcoin



Blockchain technology uses already widely accepted principles of cryptography in order to secure currency transactions. It may sound complicated but a block chain is nothing but a group of transactions that are bundled together in small groups and linked together mathematically in a way that they can never be altered. This allows for perfect record keeping and creates a trust-less system (a system where you know no one can alter transaction history or make mistakes in accounting.) Blockchains typically use a consensus method across a large number of nodes to verify a transaction. Each transaction is transmitted to thousands or millions of nodes so that if there is anyone trying to inject a

erroneous transaction, the network automatically corrects it.

Bitcoin is still the strongest cryptocurrency and controls over 50% of the cryptocurrency market. However the blockchain technology used to create Bitcoin has now inspired a whole host of other cryptocurrencies.

To get started understanding cryptocurrencies you only need to understand what a bank account is. Cryptocurrencies are basically nothing but currencies with their own unique bank accounts. So just as a bank account has an account number and uses a password or key or signature to access the account, cryptocurrencies have the same thing. In cryptocurrencies, password, key and signature all mean the same thing. It's just a long string of numbers and letters that allow access to that account. The public key and private key are created together automatically for maximum security. So for each of your cryptocurrency accounts you have a public key, which is just like an account number that you can share with anyone you want to send you funds, and you have a private key which is your password that you keep safe and don't share with anyone. In general, you use the private key only when you want to send funds. Simple.

I won't go into the technical side of what makes blockchain based cryptocurrencies secure and the underlying technology but suffice to say that in general it is mathematically impossible to guess the private key (password) from the public key (account number) and there are trillions and trillions of possible combinations. So even with the fastest computers guessing every second of every day it would take lifetimes to crack a private key. Transactions are also either mostly anonymous or completely anonymous depending on the particular currency. These type transactions are even quantum proof with certain crytos if the addresses are only used once.

Wallets (Paper, Hardware, Software, Online)

The next thing you need to understand about cryptocurrencies is what wallets

are. Very simply, wallets are just where you keep multiple cryptocurrency accounts (public / private key sets). Wallets provided by individual cryptocurrencies will usually only allow their own currency to be stored there; but there are also third-party wallets that allow multiple types of cryptocurrencies to be stored in the same wallet. Wallets can be downloaded on your computer or phone or can be printed. There are also wallet devices like usb sticks larger and smaller with their own security technology. Online wallets allow you the least control of your keys but are the most functional. These are used in exchanges and investment related coins.

What Can We Do With Cryptocurrencies?

The above information explained Bitcoin, blockchain, and cryptocurrencies transactions in a nutshell from a non-technical, "What is it?" standpoint. With what was contained in the last several paragraphs a person can get an idea of what it is and how it is secured. The next step is to is to see how to get it and how to profit from using it.

| Traits of Money | Gold | Fiat (US Dollar) | Crypto (Bitcoin) |
|----------------------------------|----------|---------------------|---------------------|
| Fungible (Interchangeable) | High | High | High |
| Non-Consumable | High | High | High |
| Portability | Moderate | High | High |
| Durable | High | Moderate | High |
| Highly Divisible | Moderate | Moderate | High |
| Secure (Cannot be counterfeited) | Moderate | Moderate | High |
| Easily Transactable | Low | High | High |
| Scarce (Predictable Supply) | Moderate | Low | High |
| Sovereign (Government Issued) | Low | High | Low |
| Decentralized | Low | Low | High |
| Smart (Programmable) | Low | Low | High |

The Battle For Supremacy

There is currently a cryptocurrency gold rush. There are now hundreds of

different cryptocurrencies. Some are revolutionary and some are nothing more than little clones of Bitcoin with a different logo.

Most cryptocurrencies fall into one of a few categories. First there are cryptocurrencies that are strictly designed to act as currencies, meaning they are designed to be a store of wealth and exchanged for goods and services. Second there are platform currencies that allow some type of service on a blockchain. These currencies store and exchange value but also act as the default payment system for the services they provide. Next you have cryptocurrencies where the coin represents a share in some commodity or asset. This could be anything from sand to electricity to real estate. Finally you have investment cryptocurrencies that are designed strictly to make money. These could be based on the profits of trading bots, investment funds or the like.



The Big Players

Here is a list of the top 7 cryptocurrencies at the end of 2017. These positions move around some as per the upward trajectories of the most dynamic currencies. However these are good examples to show what is happening in the market.

- 1. **Bitcoin** Bitcoin is king and has already been discussed. It is owned collectively by it's participants and is the first decentralized world currency. It's explosive growth has set the pace for all cryptos. It's market cap reached over \$120 billion by the end of 2017.
- 2. **Ethereum** Ethereum was the first platform for creating cryptocurrencies and providing various services. Ethereum has heavy ties to Microsoft. Many had reservations about using Ethereum because it was seen as big business trying to steal the thunder of something that was decentralized and not owned by anyone. Today Ethereum has the first-to-market advantage for platforms and has a market cap near \$30 Billion. It has become the go-to platform for creating new cryptocurrencies. However Ethereum is having scaling issues and major competition has emerged.
- 3. **Bitcoin Cash** Bitcoin Cash is just like Bitcoin in almost every way that matters except that it is now separate from the main "fork" of Bitcoin. A fork is what happens when a cryptocurrency splits. This may happen when groups of miners, who are the backbone of Bitcoin, do not agree on the standards. Bitcoin Cash broke away from Bitcoin to be independent because of a disagreement about block size between miners in May of 2017. At the time of the break, owners of Bitcoin received an equal amount of Bitcoin Cash. By the end of 2017 Bitcoin Cash had a market cap of nearly \$10 Billion.
- 4. **Ripple** People forgot about Ethereum being the big bad wolf in sheep's clothing when Ripple was introduced. Ripple was the wolf out in the open ready to eat up everything. Ripple is the cryptocurrency that is being used by world banks to capitalize on blockchain technology and at the same time

- attempt to re-centralize the market. Ripple is basically trying to replace the SWIFT service currently used to transfer money between banks. However Ripple is facing trouble. As this tokenization industry emerges, banks have begun to want to create their own cryptocurrencies independent of Ripple, In 2017 Ripple's market cap reached \$7 Billion.
- 5. **Litecoin** Litecoin was one of the first clone coins and is the second oldest crypto in the top ten. It copied almost everything from Bitcoin and calls itself the silver to Bitcoin's gold. It has survived and prospered largely on name recognition and Bitcoin affiliation but has also made a few unique advancements. At the end of 2017 it's market cap hovered around \$3 Billion
- 6. **Bitconnect** <u>Bitconnect</u> is the first and biggest investment platform that pays daily returns and allows users to compound their investment. It offers affiliate bonuses and daily payouts. Since it has a system of locking the principle investment for varying periods of time, it was reevaluated during the writing of this e-book to show up further down on the list for highest market cap. However I will leave it in it's position. Now it has two. For those that exclude the locked principle deposits it is showing up at 14th on the list. Regardless, it has had the fastest upward trajectory of any of the top 100 cryptocurrencies. It's market cap has often hop scotched over multiple cryptos in a single month. <u>Bitconnect</u> is currently the best and fastest way to earn automated daily profits from Bitcoin. It's market cap sits just above \$2 Billion (around \$500 million not counting locked principals).
- 7. **Dash** Dash, short for "Digital Cash", has reached it's level based on it's superior technology as a coin. It is not a platform like Ethereum or an investment vehicle like Bitconnect. It is strictly designed to be the absolute best currency. While other cryptos see themselves as complementary to Bitcoin. Dash bills itself as a direct competitor. As all cryptocurrencies, it has benefited from Bitcoin's example. By building on Bitcoin's foundation, it has made many advances and is technically

superior to Bitcoin in just about every way that matters. It is also designed to be more user friendly to aid in mass adoption. It has introduced decentralized internal self-governance to prevent forks and government manipulation. It has budgets for development and marketing built in, along with paid super-nodes that are incentivized to vote on all decisions. Dash's market cap is also around 2 Billion. Dash faces an uphill battle against Bitcoin because of Bitcoin's first-to-market advantage and current dominance of over 50% of the total cryptocurrency market. However it seems likely that with more paid developers and marketing dollars Dash will continue to erode Bitcoin's market dominance. In my opinion Dash is the best cryptocurrency in the top 10 to watch with a 2 to 5 year outlook.



Good Mid-level Cryptocurrencies

I can't go over every cryptocurrency here, but here are some interesting midlevel Cryptocurrencies.

1. **IOTA** - Designed to be the currency of the "Internet of Things." Iota has no transaction fees and does not use a blockchain. It uses a new technology

- called a tangle. In this way no one person has to maintain the entire blockchain on their computer.
- 2. EOS, NEO, NEM and Lisk These are four of the biggest platforms looking to compete with Ethereum. EOS raised more funding than any other cryptocurrency to date and is a huge project still in its early stages. NEO is China's answer to Ethereum which also began with massive support. NEM is Japan's biggest cryptocurrency and offers some similar services to Ethereum. Lisk has gained popularity because it allows people to build blockchain applications with Javascript.
- 3. **Steemit** <u>Steemit</u> is the biggest social media blockchain. It is revolutionary because unlike sites like Facebook, Twitter and Instagram, it pays everyone to post. Contributors to the network are paid based on the number of likes and "re-esteems" they receive. The current platform is similar to reddit.com. However the company has announced that it will be releasing versions of Steemit to compete with Facebook and Instagram as well.

Up and Coming Cryptocurrencies

When you compare Bitcoin's performance to other cryptocurrencies, there are very few coins that have performed as well as Bitcoin over the longterm. However, many other cryptocurrencies are very useful for the purpose that they were designed for and can yield massive profits if you get in early. Below are a couple of my picks for new cryptocurrencies that I think have a bright future.

1. **FirstCoin** - FirstCoin is still small compared to the other cryptocurrencies mentioned here and should be considered high risk. However FirstCoin is another cryptocurrency I am really impressed with and will be promoting. The platform is very well thought out and professional. It reminds me a lot of Dash, however the concept is very different. FirstCoin is a coin geared toward affiliate marketing. In addition to the profits from the gains in the price of the coin itself, it pays commissions on the investments of those who come after you. You have both direct referrals and automatic

placement of your affiliates. So it can be quite lucrative even without the promotion that goes into typical affiliate marketing. If you're interested in finding out more click <u>here</u> to visit <u>Firstcoin</u>'s website.

- 2. **Numerai** Numerai is a cryptocurrency hedgefund that is run through an algorithm that compares the best AI scripts to find the most profitable trades.
- 3. **COSS** COSS stands for cryptocurrency one stop shop. They offer services for exchange, online wallets, debit card, remittance and payment gateways on their site.

Useful Links

<u>Cryptocurrency Compare</u> - Lists the market caps for all cryptocurrencies with detailed charts and statistics.

<u>Coinbase</u> - lets you buy and sell bitcoin, litecoin and ethereum with your bank account or paypal. If you use my link we both will receive \$10 on the first \$100 you buy in crypto.

Bitconnect Profit Calculator - Below are links to spreadsheets that shows you how much you can earn using Bitconnect if you reinvest your daily payout every day to compound it. If you start with \$1000 for example, in one year at 0.9% interest you will have a principle of about \$24,000, a daily payout of about a \$225 per day which equals about an \$80,000 annual income. If you continue reinvesting each day and let it go two years before pulling any money out, at the same rate, the payout will be about \$5700 per day which is about 2.2 million a year.

Bitconnect Profit Calculator Excel Version
Bitconnect Calculator Open Office Version

How to Earn With Bitcoin and Cryptocurrencies

First, watch out for some sites that look similar to Bitconnect that mention Bitcoin trading and say they pay 2, 3 and 4% per day. They're scams and they don't have blockchains. If it's not on the Cryptocurrency Compare site with a decent daily market cap and a consistent chart I wouldn't trust it. There have been a lot of very convincing Bitcoin based lending scams that have gotten people in the last several years and more are emerging all the time.

I also would stay away from newer less established coins until you are familiar with the market. Most coins will have to be purchased with Bitcoin or Ethereum anyway, so if you want to be the most conservative it's probably best to buy and hold those two coins or at least one of the coins in the top 7 previously mentioned. However, it is also possible to accelerate your earnings as we'll discuss below.

Best and Easiest Way to Get Started Investing and Compounding Your Money Using Cryptocurrency

- 1. **Sign up for your** <u>Bitconnect</u> account first to allow you to deposit your Bitcoins and buy Bitconnect tokens by clicking <u>here</u>. On the Bitconnect homepage click the green button that says "Deposit Bitcoin" and you will get a Bitcoin receiving address. Copy this address.
- 2. **Buy Bitcoin**. The easiest way is to set up a <u>Coinbase</u> account. You can click <u>here</u> to buy Bitcoin through <u>Coinbase</u>. Once your Bitcoins are credited send them to the address from step 1.
- 3. **Make your first loan.** Buy <u>Bitconnect</u> tokens with the Bitcoin you just received in the Bitconnect site under the "Exchange" tab. Once your tokens are credited, on the homepage click the blue button to lend <u>Bitconnect</u>. You'll start receiving interest the first day which you can withdraw right away. However to compound your earnings you can visit

the site daily to reinvest your earnings.

- 4. **Exchange your** Bitconnect tokens back to Bitcoin. Whenever you're ready to take your profits, exchange your Bitconnect tokens back to Bitcoin and send them back to Coinbase.
- 5. **Exchange Bitcoin for dollars** on <u>Coinbase</u> and withdraw to your bank account or Paypal address.

