

# How to set up StakerApp, then buy and stake HEX!

## Large text with photos

View this article on medium here:

<https://awildsj.medium.com>

For more about HEX and PulseChain see this  
handy dandy site: <https://hex.com/faq/>

Click here to learn about the upcoming largest airdrop in  
history- <https://pulsechain.com>

Written by SJ Aponte aka [A Wild SJ](#)

(This is not financial advice and SJ is not associated with StakerApp)

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## Part 1: Download and Purchase StakerApp

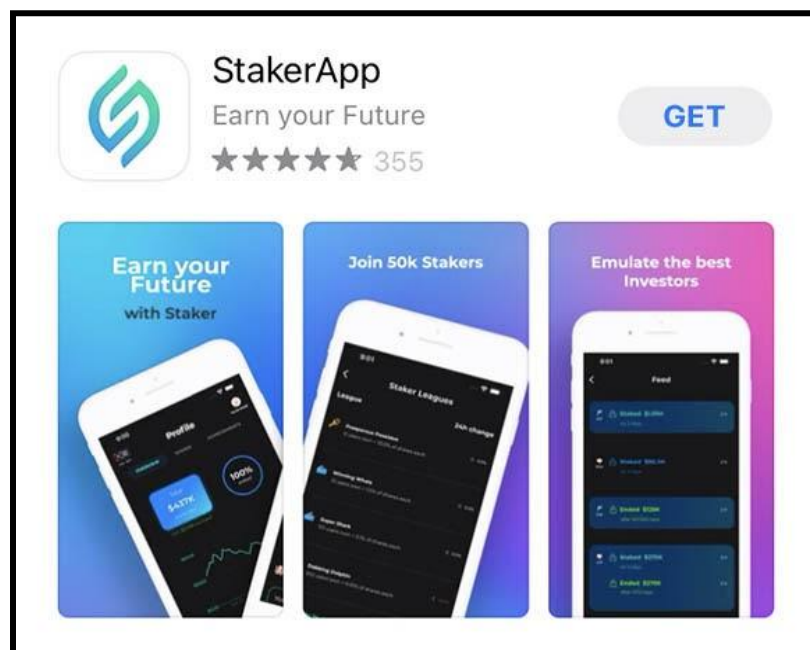
Download StakerApp to your phone from the App Store or use a friend's referral link, here's mine! -

Click to download StakerApp -  
<https://staker.app/invite/3JsB>

Note- there is no desktop version of StakerApp

### WHY Staker App?

Security. This app was created by a [team of developers](#) who not only come from prestigious companies, but are highly invested in HEX and have every reason to keep it secure. Uses [Gnosis Safe](#) security!

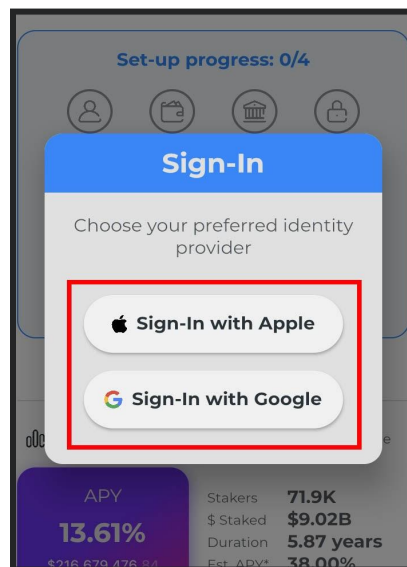
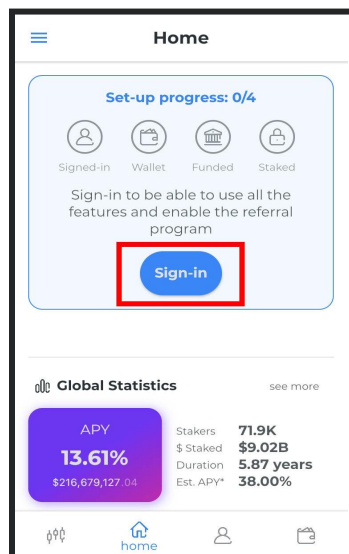


## 2. Open the app to create a StakerApp Account

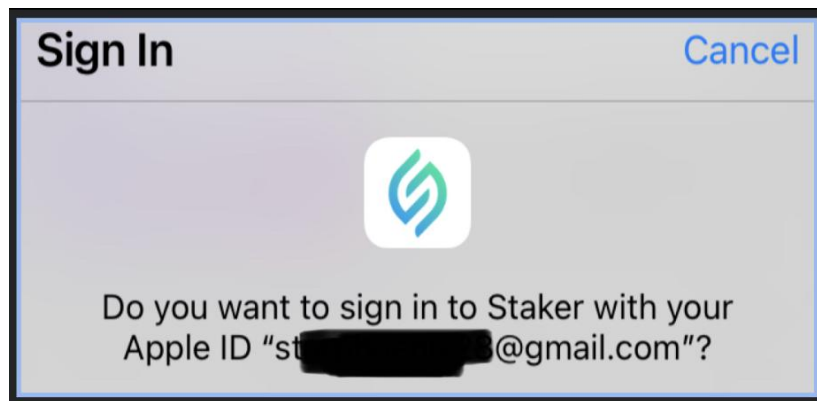


## 3. Click Sign-In

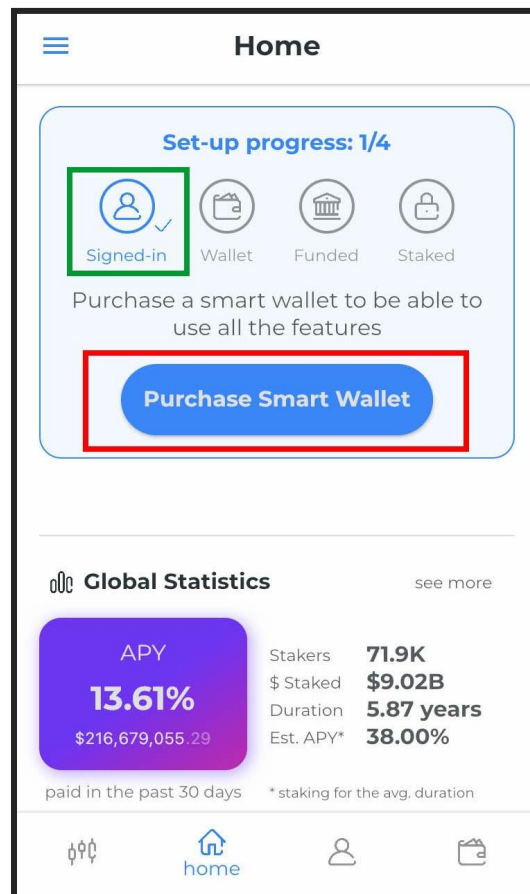
## 4. Choose to sign in with Apple OR Google



## 5. Allow Apple or Google access to sign in



## 6. Now that you are signed in, click on "Purchase Smart Wallet"



## **VERY IMPORTANT DISCLAIMER -**

**7. This next step is the MOST IMPORTANT part of the whole process**

**\* During the smart wallet creation process you are given a WORD KEY also called SEED PHRASE \***

**\* This key combination of 24 words must be written correctly and in the exact order they are shown \***

**Triple check that each word is in its correct place in the sequence and is spelled as you see it**

**Purchase Smart Wallet**

If you lose your Secret Recovery Phrase, you will not be able to access or recover your funds!

**Confirm that you saved the 24 ordered words shown below in a secure location (physically and/or digitally).**

1. goddess 2. tuition 3. hole

4. rug 5. caught 6. okay

7. family 8. season 9. tower

10. deal 11. soup 12. govern

13. foam 14. cabbage

15. mutual 16. corn

**Confirm**

**Purchase Smart Wallet**

**Step 1 of 3**

**Save Your Secret Recovery Phrase**

Save your 24-word Secret Recovery Phrase in a secure location. Make sure to write the words down in the same order shown.

The Staker app team does not know your Secret Recovery Phrase.

If you lose your Secret Recovery Phrase, you will not be able to access or recover your funds!

**Confirm that you saved the 24 ordered words shown below in a secure location (physically and/or digitally).**

1. goddess 2. tuition 3. hole

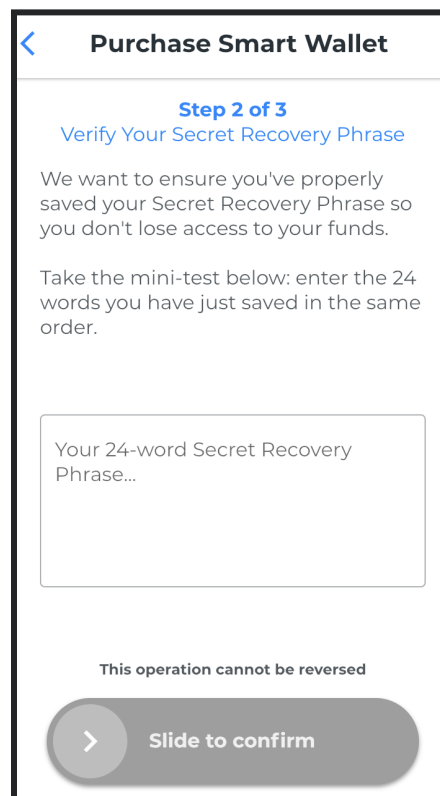
**IF YOU LOSE YOUR WORD KEY**

**YOU LOSE YOUR FUNDS**

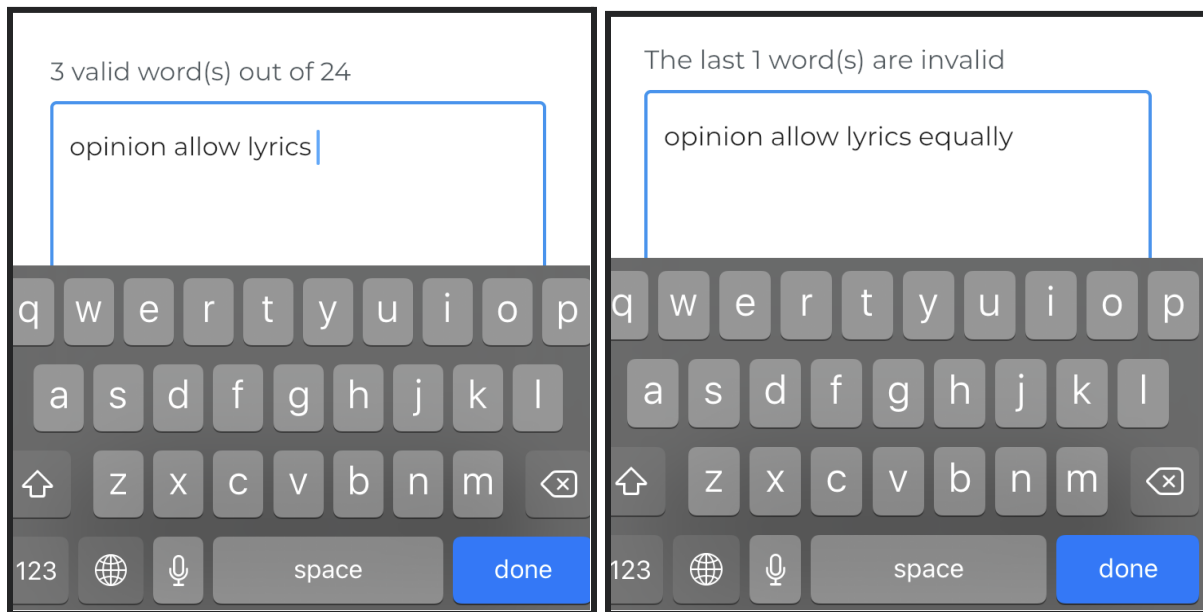
8. Once you have secured your Word Key, hit “Confirm.”



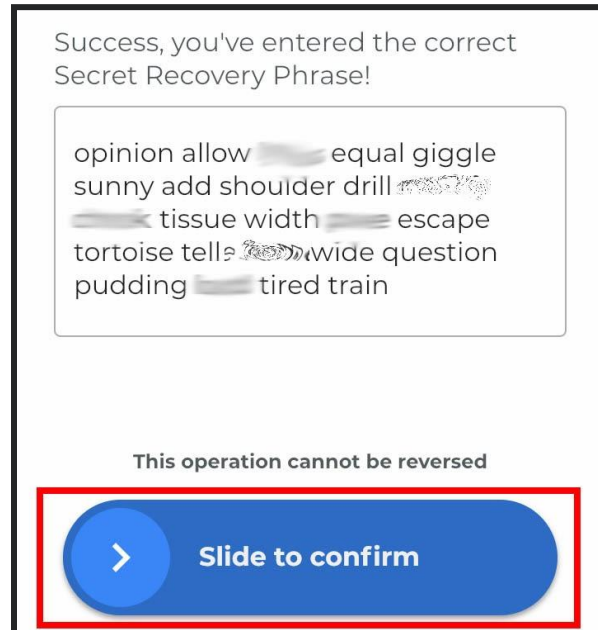
9. The next step requires that you recall and enter each of the words in your word key, in the correct order!



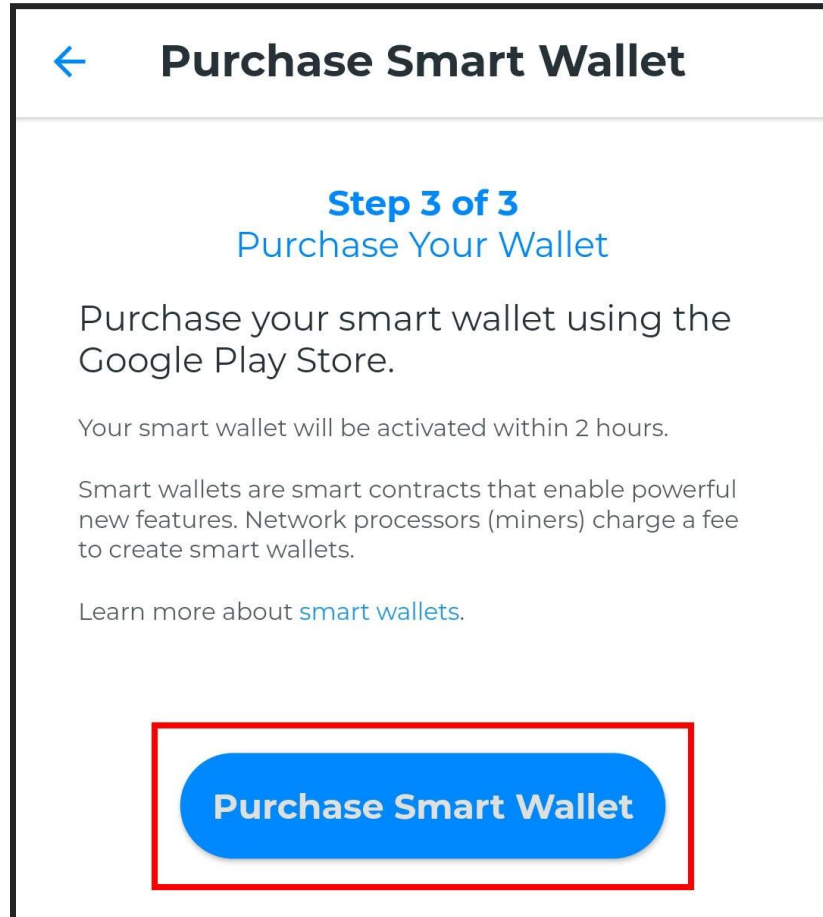
**As you enter each word the app will show if you are correct or not:**



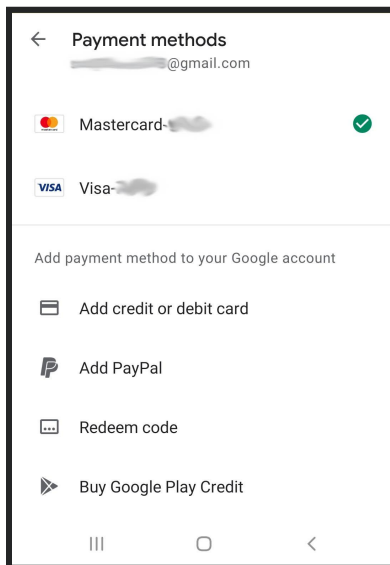
## 10. Once the word key is entered correctly you “slide to confirm”



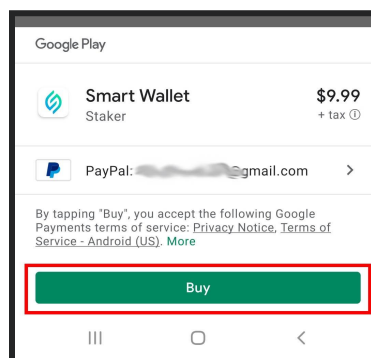
## 11. Pay for your wallet by clicking on “Purchase Smart Wallet”



## 12. Select your payment method



## 13. Review payment and click “Buy”



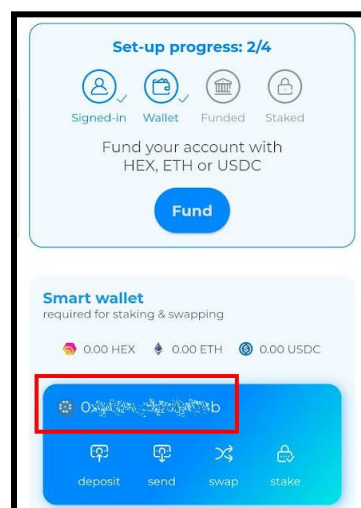
**14. Wait for a notification - usually takes less than an hour!**



**15. Success. You have taken one of the first steps toward financial freedom!!**

Each smart wallet has its own unique code, you can think of it like a phone number. You can trace where calls have gone to and come from.

Similarly, your wallet address allows the block chain to see every transaction.



## Part 2: Fund your StakerApp Wallet

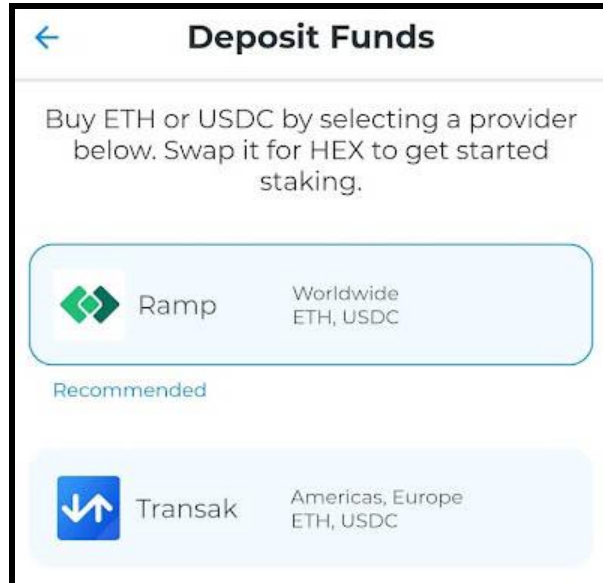
With your smart wallet purchased and your **word key secured** we move on to funding!



## Funding your StakerApp Wallet

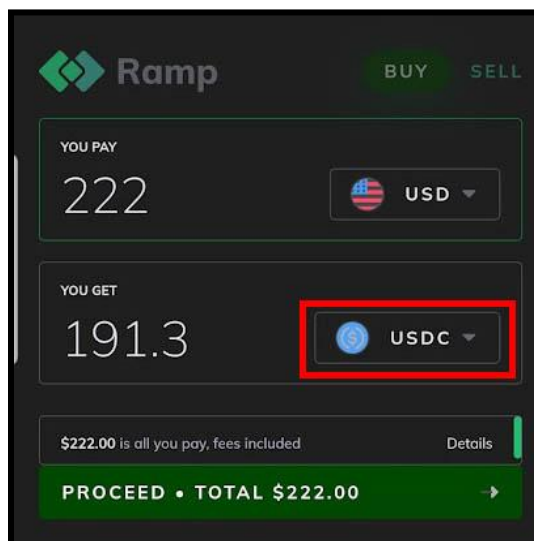
**As of 9/19/2022 there are 2 ways WITHIN StakerApp to fund your wallet.** (Note: if you already hold crypto/coins in other places you can send them to your StakerApp Wallet and this will fund as well!)

**We will show how to convert US Dollars to USDC US Dollar Coin using each provider- Ramp and Transak**

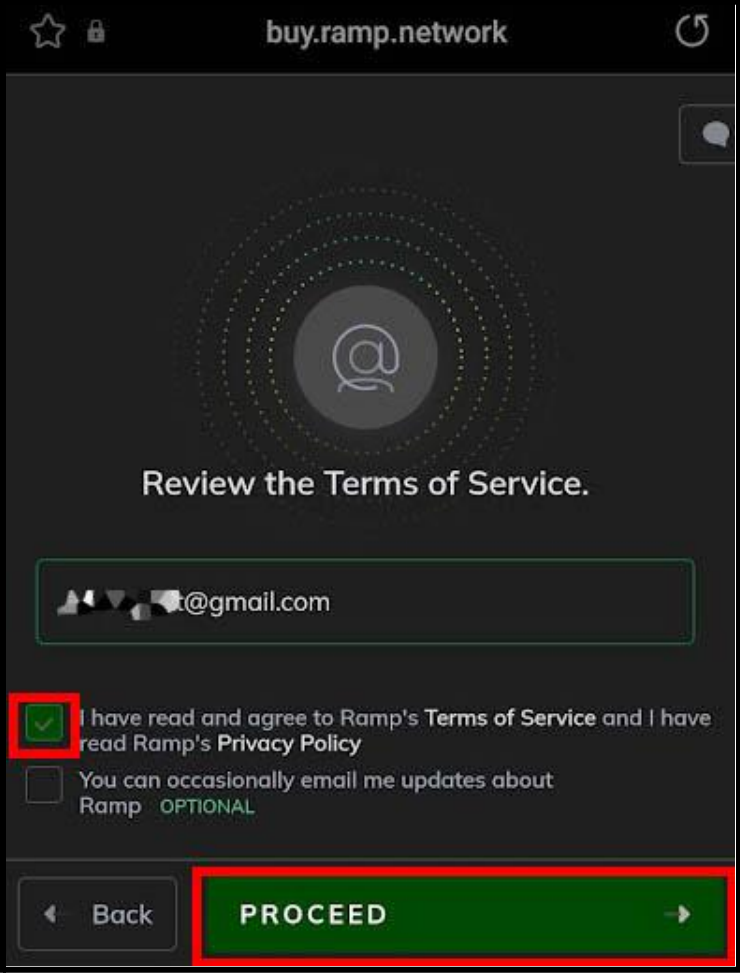


## Deposit funds using “Ramp”

1. Select the currency you will pay with and the coin you want to convert to. We are using USD to USDC for this example.



## 2. Enter your email, Review the TOS, click Proceed



The screenshot shows a mobile application interface for 'buy.ramp.network'. At the top, there is a status bar with a star icon, a lock icon, the URL 'buy.ramp.network', and a refresh icon. Below the status bar, there is a dark grey header with a speech bubble icon on the right. The main content area has a dark background with a large, faint '@' symbol in the center. Below the symbol, the text 'Review the Terms of Service.' is displayed. Underneath, there is a text input field containing the email address 't@gmail.com'. Below the input field, there are two checkboxes. The first checkbox is checked and highlighted with a red box; its text is 'I have read and agree to Ramp's Terms of Service and I have read Ramp's Privacy Policy'. The second checkbox is unchecked; its text is 'You can occasionally email me updates about Ramp' followed by the word 'OPTIONAL' in green. At the bottom, there are two buttons: a 'Back' button with a left arrow and a 'PROCEED' button with a right arrow. The 'PROCEED' button is highlighted with a red box.

buy.ramp.network

Review the Terms of Service.

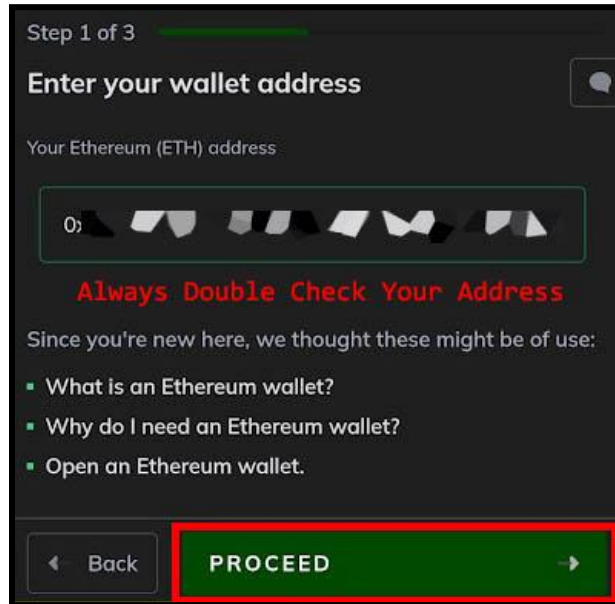
t@gmail.com

☒ I have read and agree to Ramp's Terms of Service and I have read Ramp's Privacy Policy

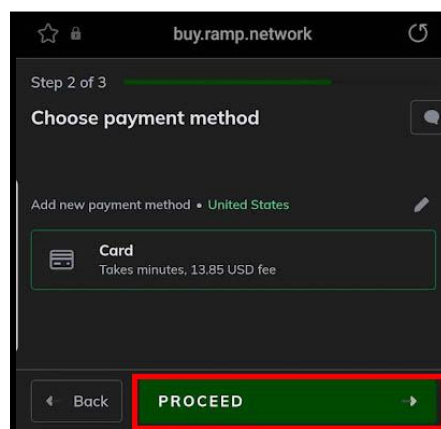
☐ You can occasionally email me updates about Ramp OPTIONAL

Back PROCEED

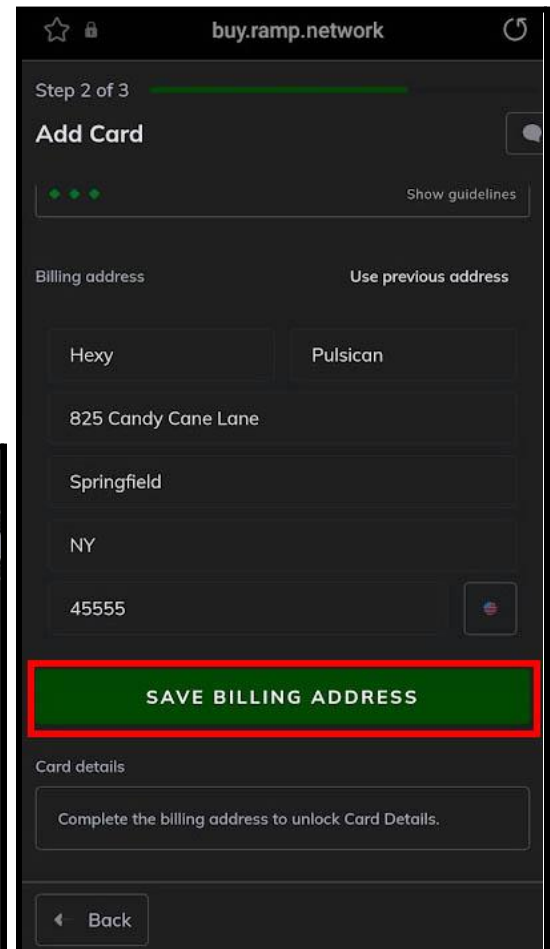
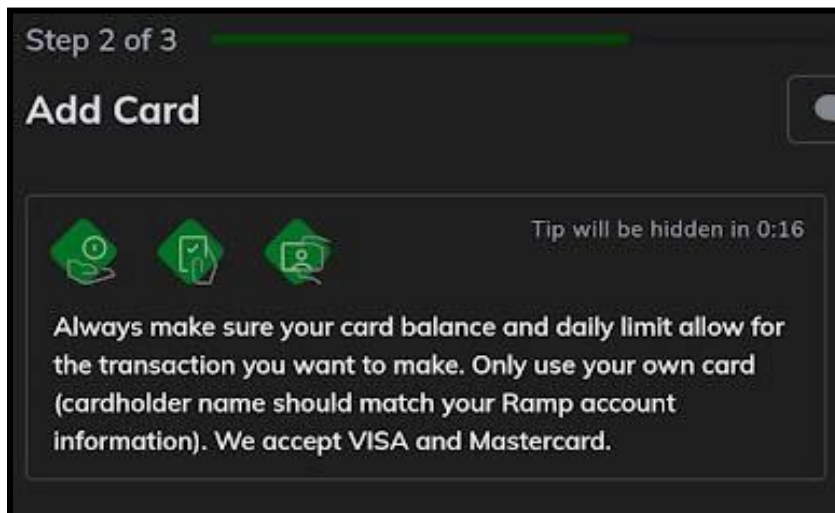
### 3. Double check your wallet address, these should match!



### 4. At first, you might only have the option to use a Card to fund. ApplePay is another option, but you may have to go through the verification process before that is shown as an option. Choose your preferred or available method and click “Proceed”



5. Review the “tip” about transaction limits, enter your billing address, then click “Save Billing Address”



6. After your billing address is confirmed, enter the card information, then click “Add Card”

Step 2 of 3

### Add Card

◆ ◆ ◆ [Show guidelines](#)

**Billing address**

HEXY PULSICAN  
825 Candy Cane Lane , 45555 Springfield NY...

**Card details**

**Card number \***

\*\*\*\* \*

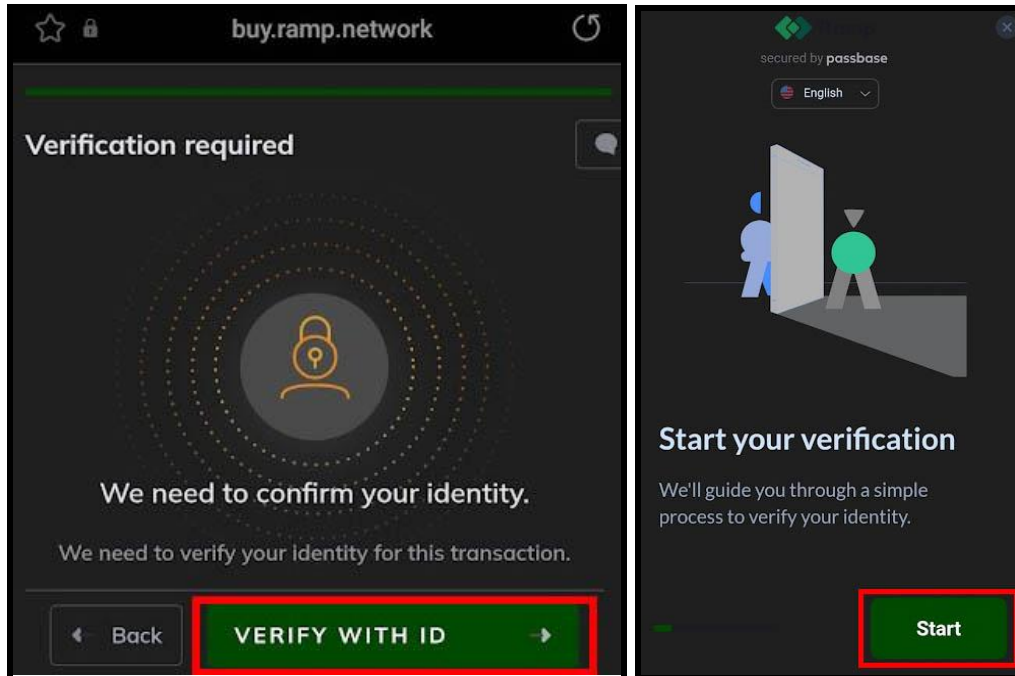
**Expiration date \*** **Security code \***

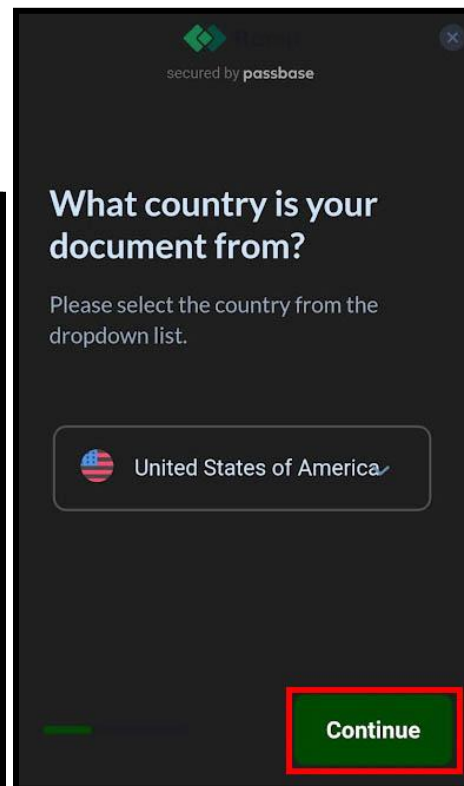
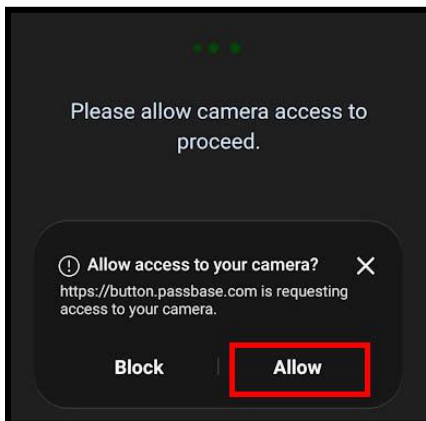
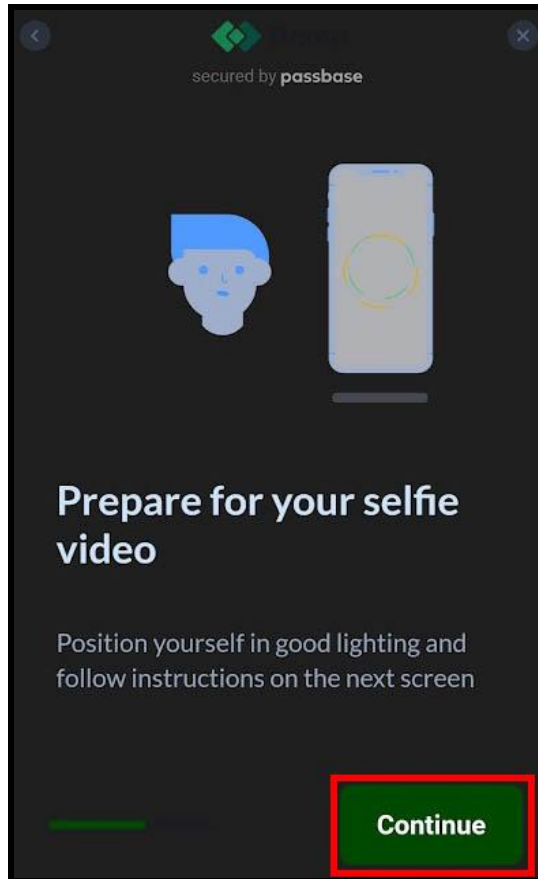
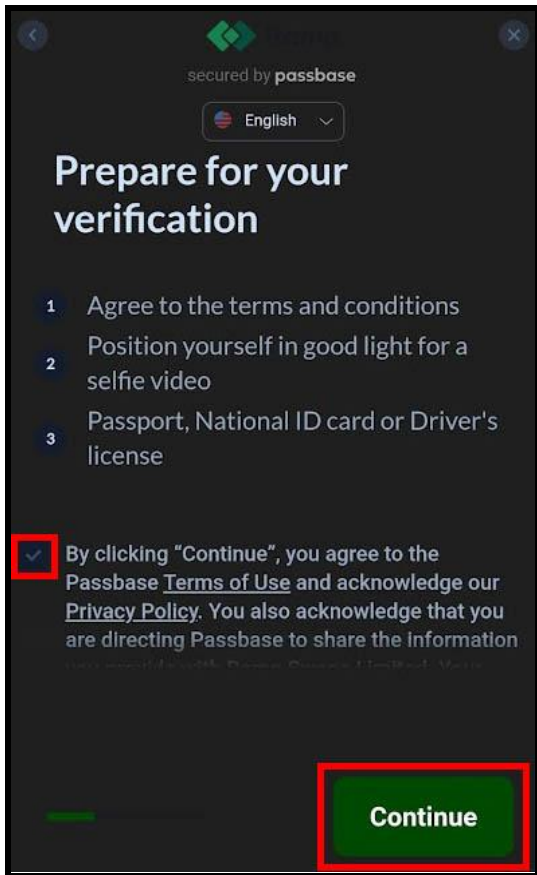
MM/YY \*\*\*

[Back](#) **ADD CARD**

7. At this point, you may be able to complete the transaction OR you may be asked to provide further verification Here we will go through the “Ramp” verification process ([skip to step #8](#) if you are not asked to verify)

As this part is rather self explanatory please follow along with the screenshots:





secured by **passbase**

## Which document will you scan?

Please select the document type from the dropdown list.

 Passport

▼

Continue

secured by **passbase**

## Securely transfer your data

Email address

Passport

Current Location

Yes, confirm

secured by **passbase**



## Verification submitted

Thank you. We're now processing your verification.

Finish

8. Once you are verified, finalize your purchase! Keep in mind that ETH gas (GWEI) fees vary by the moment. While you might want to wait for cheaper fees (late nights/ weekends) keep in mind the price of a T-share will never be as low as it is RIGHT NOW!

Step 3 of 3

### Order summary

You're buying

|                                      |                  |
|--------------------------------------|------------------|
| 191.3 USDC FOR 222.00 USD            |                  |
| 191.3 USDC @ \$1.00                  | \$191.41         |
| Ramp fee (depends on payment method) | as low as \$5.55 |
| Network fee                          | \$25.04          |
| <a href="#">Hide fee breakdown</a>   |                  |

Your Ethereum wallet address

ALWAYS DOUBLE CHECK YOUR WALLET ADDRESS

0x [truncated address] 5

Your chosen payment method is **Card**

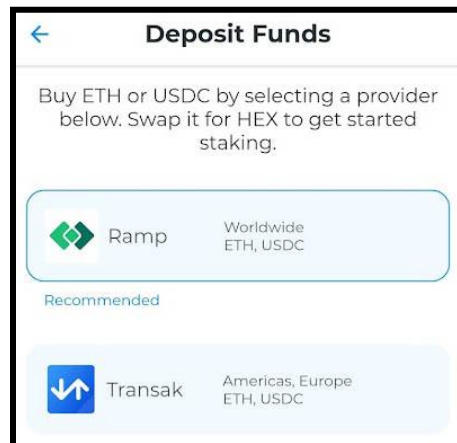
MASTERCARD

☒ I agree to the [terms of Zero Hash LLC Services Agreement](#). I understand that my data will be processed in the U.S. and EU.

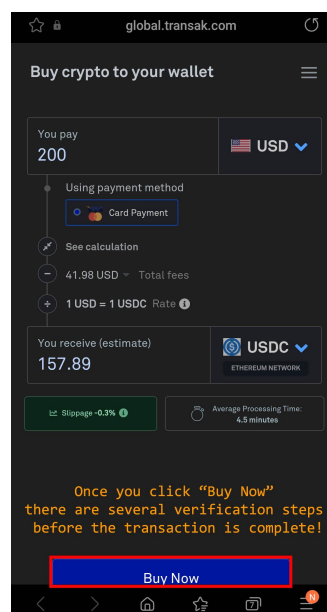
[Back](#) [CONTINUE](#)

## Deposit funds using “Transak”

### 1. Click on “Transak”



### 2. Enter the amount of currency of your choice to be exchanged for USDC then click “Buy Now” when you have entered the desired amount



### 3. Follow the verification prompts

←

Verify Your Email

≡

We've sent a verification code to  
pulsican@gmail.com

Verification Code

....

☒ I agree with Transak's [Terms of Use](#) and [Privacy Policy](#).

Continue

Powered by 

←

Personal Details

≡

KYC STEP 1/4

First Name

Hexy

Last Name

Pulsican

Mobile number

 +1 (555) 554-5555

Date of birth

 02-12-2002

Continue

Powered by 

←

Address

≡

KYC STEP 2/4

Address Line

5555 Staker Drive

Address Line 2 (Optional)

Appartment, studio, or floor

State/Region

CA

City

Pulseville

Postal/Zip Code

90210

Country

United States of America

Continue

Powered by 

Address Proof

KYC STEP 3/4

Please provide your Proof of Address document that corresponds to the residential address information. The document must have been issued within the last three months.

Document Type

Issuing Country

Bank statement

United States of A

Drop files here, or click to select files to upload.  
(Only \*.png, \*.jpeg, \*.pdf formats will be accepted)

Continue

Powered by

ID Proof & Selfie

KYC STEP 4/4

Help

Choose issuing country/region

United States

Select ID type

Choose One of the Three

Use a valid government-issued photo ID.

Passport

Driver's license

Identity card

Have you checked if your ID is supported?

Powered by jumio

v4.189.1-8713673c

Powered by

ID Proof & Selfie

KYC STEP 4/4

Front of driver's license

Step 1 of 3

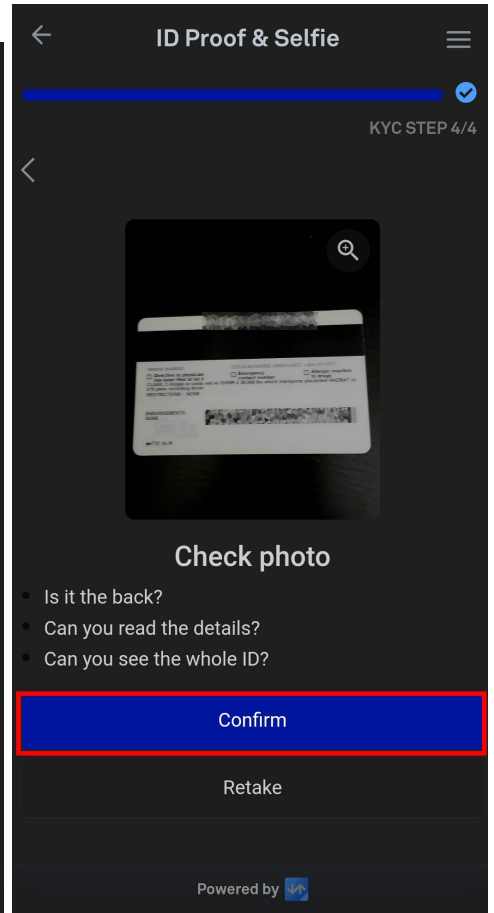
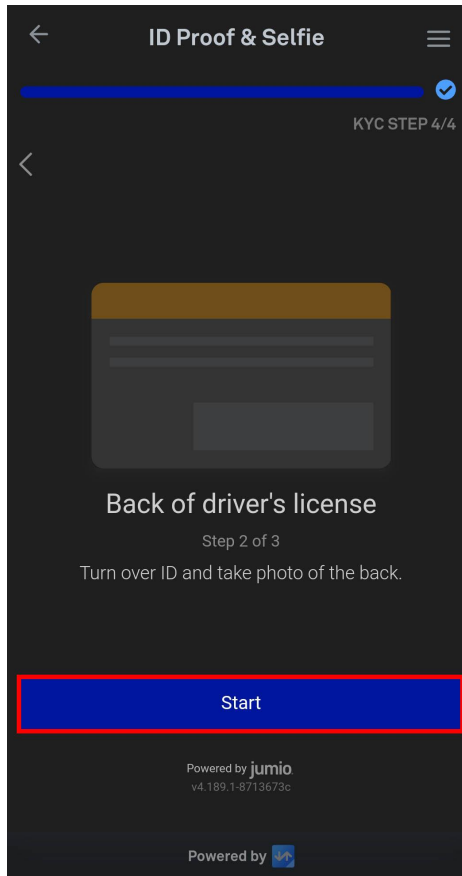
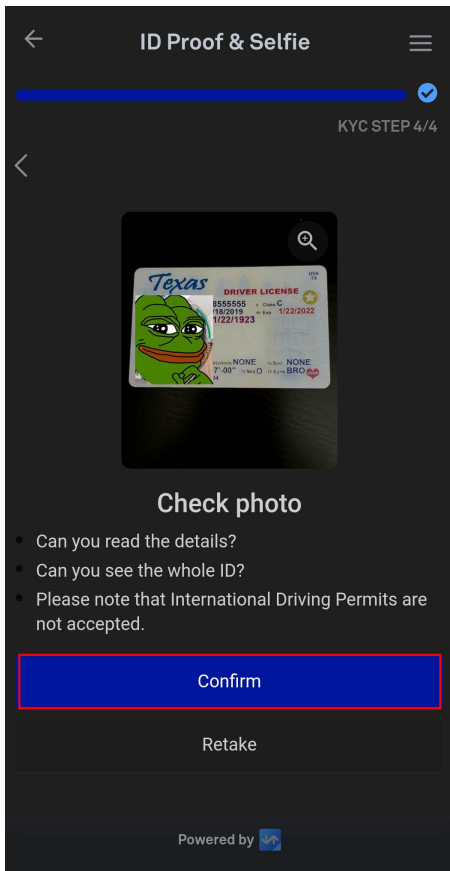
Center your ID and take a photo. Make sure all details are clear.

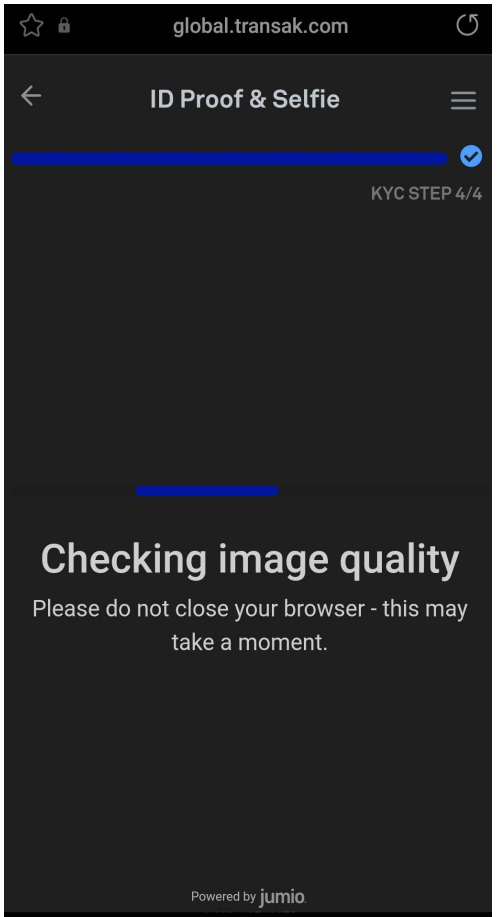
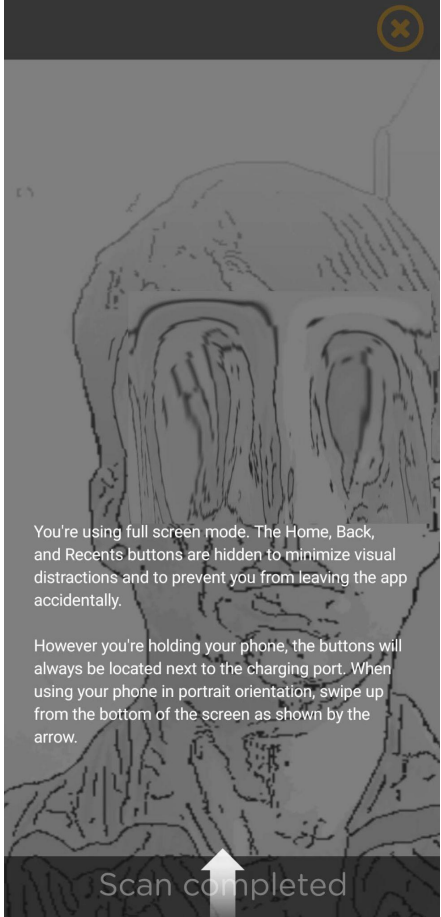
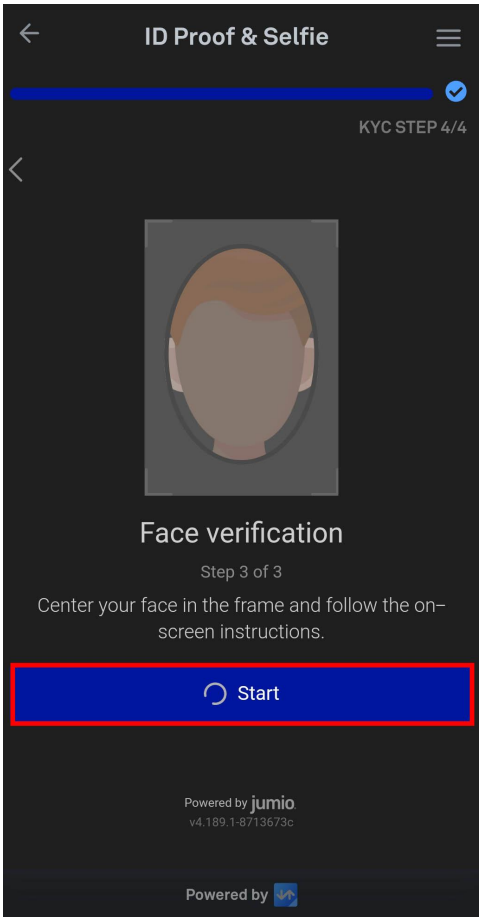
Start

Powered by jumio

v4.189.1-8713673c

Powered by





## 4. Now that you are verified, click on “Order Now” to finalize the order

global.transak.com

### My Profile

|                      |                                        |
|----------------------|----------------------------------------|
| First Name           | Last Name                              |
| Hexy                 | Pulsican                               |
| Email                | Mobile Number                          |
| HexyPulsican@gmail.c | +15152595555                           |
| Last Login time      | IP Address                             |
| 2025-05-Z9T16:1Z:03Z | 56b3:8550:2100:b98:49e0:3bb1:b5e9:895b |

 The documents you submitted are being reviewed right now. We will notify you once you've been approved.

### My Profile

|                      |                                        |
|----------------------|----------------------------------------|
| First Name           | Last Name                              |
| Hexy                 | Pulsican                               |
| Email                | Mobile Number                          |
| HexyPulsican@gmail.c | +15152595555                           |
| Last Login time      | IP Address                             |
| 2025-05-Z9T16:1Z:03Z | 56b3:8550:2100:b98:49e0:3bb1:b5e9:895b |

 **Your profile has been verified.**  
You have full access to our platform. Please continue to place your new order with us.

**Order Now**

Powered by 

5. You will need to add a method of payment click  
“Add a new Card”

6. Provide the billing address, click “Continue”

7. Enter the card details, click “Continue”

Confirm your order

STEP 1/3

USING PAYMENT METHOD

+ Add a new Card

TO Staker ETHEREUM NETWORK

0x6461d0000000000000000000000000000000000000000000000000000000000000

ORDER DETAILS

|                      |                |
|----------------------|----------------|
| 158.02 USDC @ 1 USD  | 158.02 USD     |
| Network/Exchange fee | 34 USD         |
| Transak fee          | 7.98 USD       |
| <b>Total</b>         | <b>200 USD</b> |

☐ I accept Transak's updated [Terms of Service](#).

☐ I authorize Checkout.com to debit my account indicated for the amount above on today's date, and I agree to [Checkout.com's terms](#).

☐ I agree to the Zero Hash and Zero Hash Liquidity Services' [User Agreement](#), [Privacy Notice and Regulatory Disclosures](#).

Powered by

global.transak.com

Make sure that the billing address you are entering is the same billing address that is on file with your card provider.

Address Line

5555 Staker Drive

Address Line 2 (Optional)

Apartment, studio, or floor

State/Region City

CA Pulsetown

Postal/Zip Code Country

95555 United States of A

Continue

Add A Credit/Debit Card

Card Billing Address

5555 Staker Drive , , CA, Pulsetown, 95555, United States of America, US

Card number

Card number

Expiry date CVV

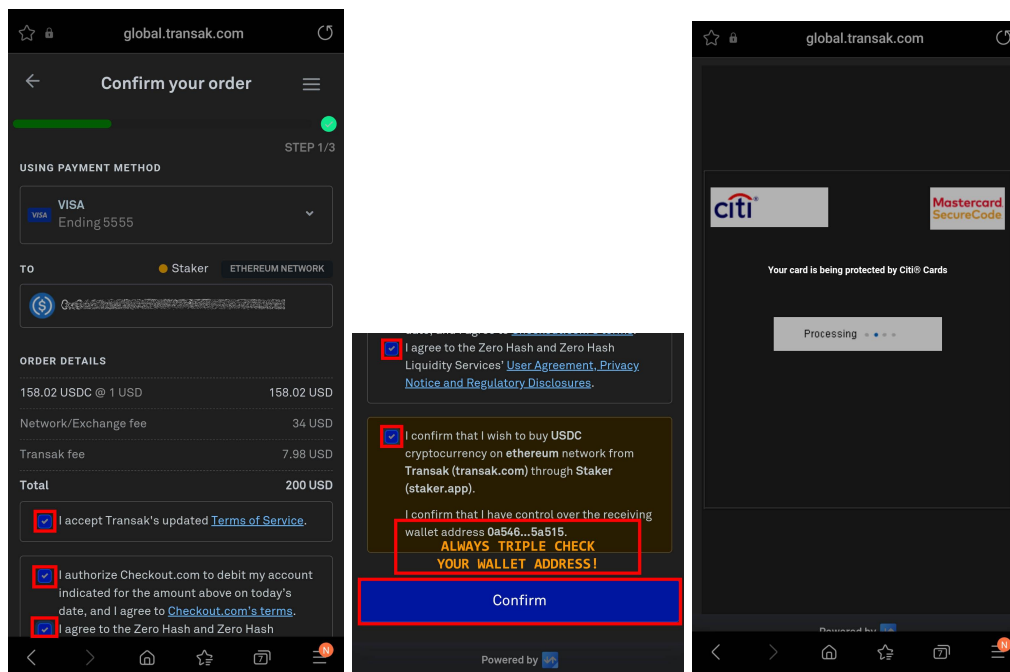
MM/YY CVV

Continue

Powered by

8. Click the check boxes to accept terms, agreements, and actions

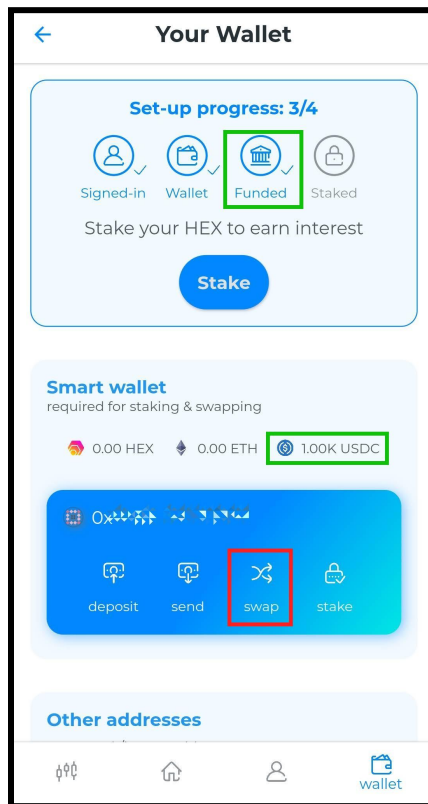
9. Click “Confirm” to confirm your purchase - This step will process your credit card.



## Part 3: Swap USDC for HEX in StakerApp

Now that you have USDC, or have otherwise funded your wallet, you can **SWAP** for HEX!

1. Click on the “Swap” option in your wallet



## 2. Choose the coin to swap for HEX from the first drop down menu

Here we will use USDC - Change “ETH” to “USDC”

←

Swap

You will pay

Balance: 0.00000000

 ETH ▾

max

0

0.00000000 ETH ≈ \$0.00

↓

You will receive

Balance: 0

 HEX ▾

0.00

Paying the fees with

 HEX

 ETH

 USDC

Estimated fees: --

Quote

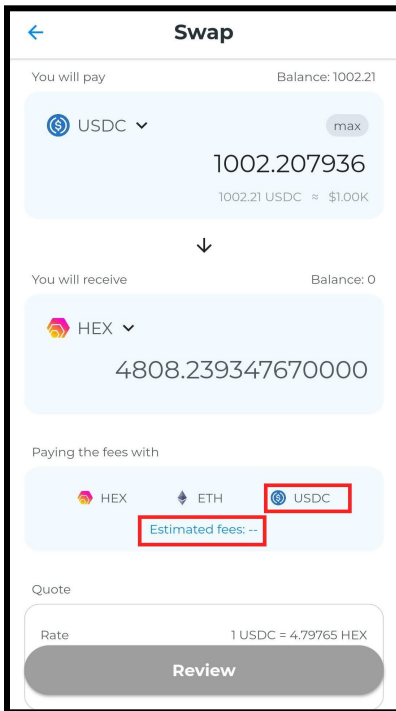
Rate

...

Review

**Remember the ETH “gas” (GWEI) we mentioned earlier?  
For every transaction on a block chain this fee exists**

### **3. Select “USDC” to pay fees**



**In our case, since we are swapping our entire supply of USDC for HEX, StakerApp conveniently deducts the amount needed for your swap.**

**(NOTE: There are other strategies as to how much of which coin you should keep in your wallet for these fees in the future, for the purpose of this guide we are keeping the process as simple as possible.)**

## 4. Click “Review” to review the swap information, then “slide to confirm”

←

Swap

967.838888

967.84 USDC ≈ \$968

↓

You will receive

Balance: 0

HEX ▾

4643.364046290000

Paying the fees with

HEX

ETH

USDC

Estimated fees: 34.37 USDC

(Deducted fees from amount due to low balance)

Quote

Rate

1 USDC = 4.79766 HEX

Inverse Rate

1 HEX = 0.208435 USDC

Slippage Tolerance

3%

Review

←

Review Swap



You will pay

967.83888800 USDC

For receiving

4643.36404629 HEX

*« Compound interest is the eighth wonder of the world »*

Albert Einstein

Please wait for a few seconds.  
We're preparing your transaction...

←

Review Swap



You will pay

967.83888800 USDC

For receiving

4643.36404629 HEX

Network fee: \$26.01

Staker fee (0.80%) \$7.74

Paying fees with: USDC

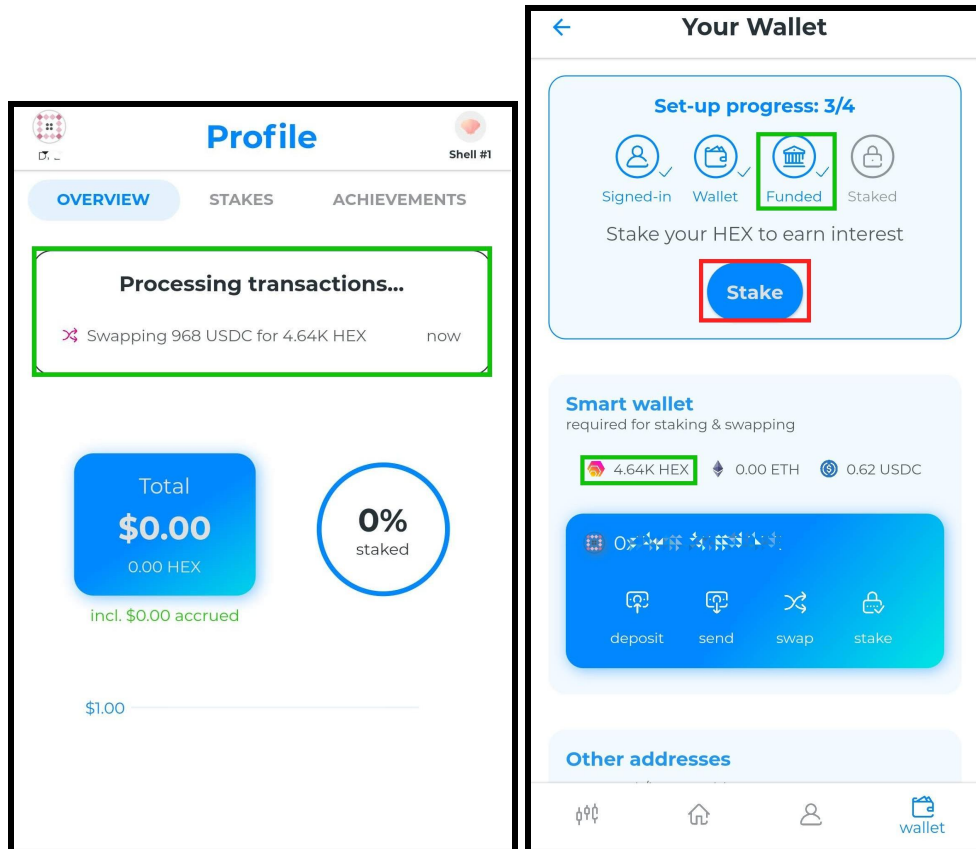
This operation cannot be reversed

> Slide to confirm

## Part 4: Stake HEX and Chill

Once your swap is processed, you are ready to stake!

### 1. Click on “Stake”



2. Enter the amount of HEX you wish to stake, choose if you will stake this amount once, or split the amount up into multiple stakes, then choose how far out you will stake in days (5555 right?! Tip: Use <https://stakehex.today/> to get an idea of how your stake will grow)

The screenshot shows a mobile application interface titled "Stake". At the top, there is a back arrow and the title "Stake". Below the title, the text "You will stake" is on the left and "Balance: 7555" is on the right. The main content area is divided into three sections. The first section, "Staking Amount", has a "max" button and a red box around the input field containing "0.00" with a HEX icon. Below this, it says "0 HEX ≈ \$0.00". The second section, "Staking mode", has a red box around the "Single" button, with "Multi" also visible. The third section, "Staking Duration", has a "max" button and a red box around the input field containing "0 days" with a clock icon. Below this, it says "0 days ≈ 0.0 years". At the bottom, there is a section "Paying the fees with" with three options: "HEX", "ETH", and "USDC". A large grey "Review" button is at the very bottom.

< Stake

You will stake Balance: 7555

Staking Amount max

0.00 HEX

0 HEX ≈ \$0.00

Staking mode Single Multi

Staking Duration max

0 days

0 days ≈ 0.0 years

Paying the fees with

HEX ETH USDC

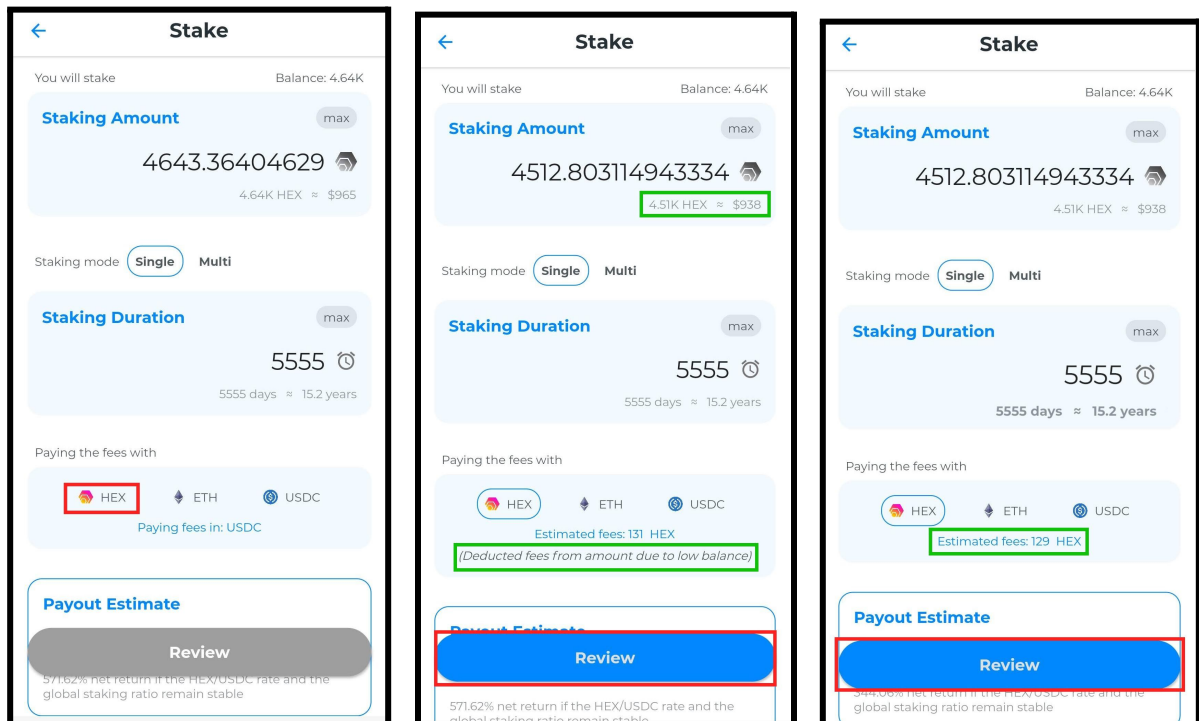
Review

Remember the ETH “gas” (GWEI) we mentioned earlier?  
For every transaction on a block chain this fee exists

3. Select “HEX” to pay fees - In our case, since we are staking our entire supply of HEX, StakerApp conveniently deducts the amount needed for your stake.

(NOTE: There are other strategies as to how much of which coin you should keep in your wallet for these fees in the future, for the purpose of this guide we are keeping the process as simple as possible.)

4. Click “Review” to review the Stake information



# 5. Review then “Slide to Confirm” your stake

Review Stake

You are staking

4.51K HEX

≈ \$938

« Do your own research »

A wise person

Please wait for a few seconds.  
We're preparing your transaction...

Review Stake

You are staking

4.51K HEX

≈ \$938

Network fee: \$17.58

Staker fee (0.80%) \$7.50

Paying fees with: HEX

This operation cannot be reversed

> Slide to confirm

Review Stake

You are staking

4.51K HEX

≈ \$938

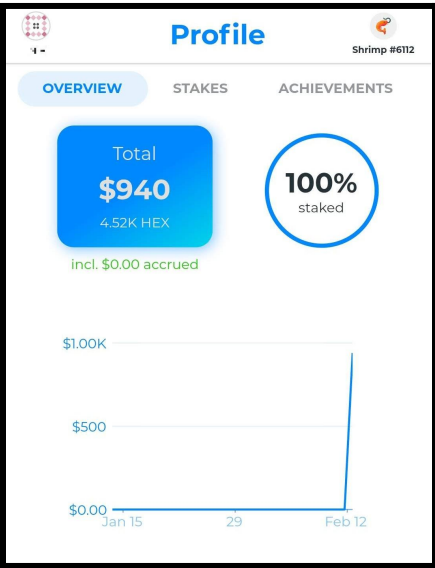
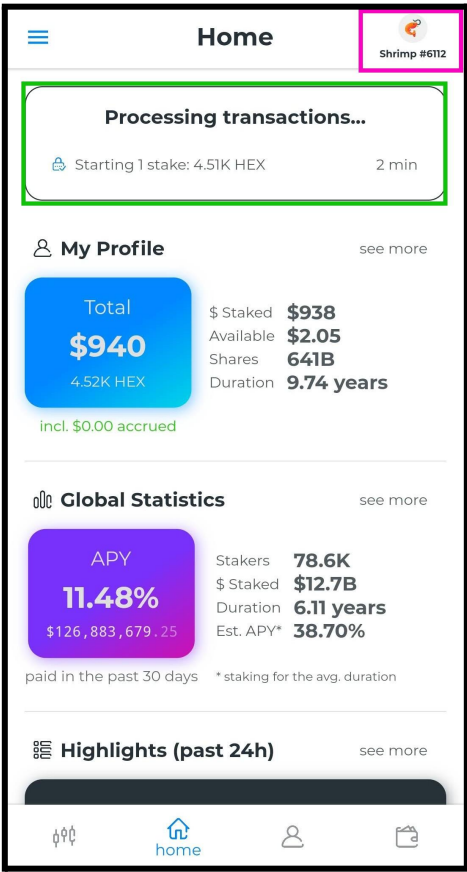
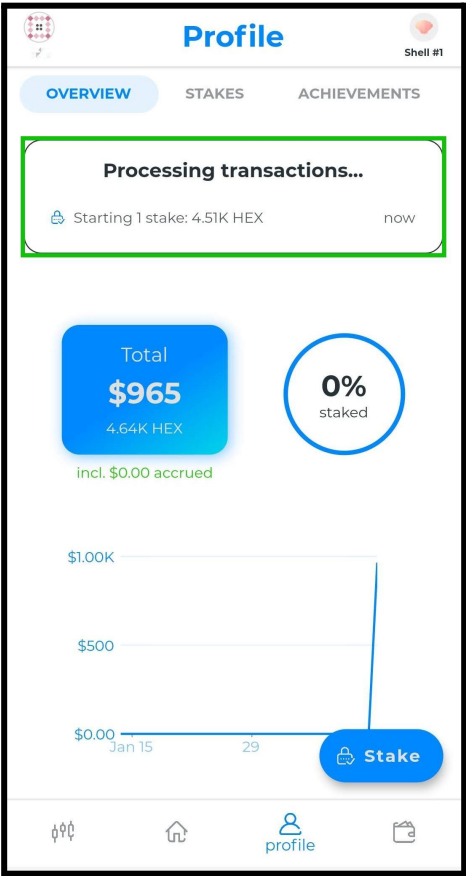
Network fee: \$17.58

Staker fee (0.80%) \$7.50

Paying fees with: HEX

Stake submitted!  
It should be effective in minutes...

# CONGRATULATIONS and welcome to the Staker class!



## Part 5: External Resources

Official HEX Website - <https://hex.com/>

More Info on Staker App -  
<https://www.youtube.com/c/StakerApp/videos>

In Depth Beginner's Course - [Hex Passive Income](#)

List of Trusted Resources - <https://hexnoob.com/>

HEX Charts - <https://www.lookintohex.com/>

### Helpful HEX Streamer Channels

|                                    |                                     |
|------------------------------------|-------------------------------------|
| <a href="#">Hodldog</a>            | <a href="#">Crypto Coffee</a>       |
| <a href="#">WhalesOnly</a>         | <a href="#">K4K Crypto</a>          |
| <a href="#">Fashion Coder</a>      | <a href="#">David Feder</a>         |
| <a href="#">Funding Gym</a>        | <a href="#">Dollar Cost Crypto</a>  |
| <a href="#">Gerardo</a>            | <a href="#">CRYPTOGRFX</a>          |
| <a href="#">RH Max</a>             | <a href="#">Discourse Syndicate</a> |
| <a href="#">My Life is Awesome</a> | <a href="#">KSB.TV</a>              |

## Part 6: Glossary of Terms

The following terms are copied from this site -

<https://consensys.net/knowledge-base/a-blockchain-glossary-for-beginners/>

**Address / Public Key** - Used to send and receive transactions on a blockchain network. An address is an alphanumeric character string, which can also be represented as a scannable QR code. In Ethereum, the address begins with *0x*. For example:

0x06A85356DCb5b307096726FB86A78c59D38e08ee

**Airdrop** - A token distribution method used to send cryptocurrency or tokens to wallet addresses. Sometimes airdrops are used for marketing purposes in exchange for simple tasks like reshares, referrals, or app downloads. **\*SJ's Note - Click here to learn about the upcoming largest airdrop in history-** <https://pulsechain.com>

**Block** - Think of a blockchain as consisting of a ledger that is being constantly updated, and those changes synced between any number of different nodes (indeed, “distributed ledger technology” is another phrase used to describe it). After a certain number of transactions have been added to the ledger and consensus has been reached among the nodes that the transactions are valid, then they are cryptographically locked into a “block” and officially recorded. This “block” forms the basis for the next one; in this way, they are all linked together in a chain, hence—*blockchain*.

**Blockchain** - A digital ledger comprised of unchangeable, digitally recorded data in packages called blocks. Each block is ‘chained’ to the next block using a cryptographic signature. Ethereum is a public blockchain, open to the world; its digital ledger is distributed, or synced, between many nodes; these nodes arrive at consensus regarding whether a transaction is valid before encrypting a number of transactions into a block. [For more on blockchain technology, see here](#). See also ‘block’.

**Coin** - A coin, in cryptocurrency, is a representation of digital asset value that is generated via its own independent blockchain.

**Cold Wallet / Cold Storage** - An offline wallet that is never connected to the internet. These wallets protect cryptocurrencies from getting hacked online.

**Cryptocurrency** - Digital currency that is based on mathematics and uses encryption techniques to regulate the creation of units of currency as well as verifying the transfer of

funds. Cryptocurrencies operate independently of a central bank, and are kept track of through distributed ledger technology.

**Decentralization** - The transfer of authority and responsibility from a centralized organization, government, or party to a distributed network.

**Decentralized Application (dapp)** - An open source, software application with backend code running on a decentralized peer-to-peer network rather than a centralized server. You may see alternate spellings: dApps, DApps, Dapps, and Ðapps.

**Decentralized Exchange (DEX)** - A decentralized exchange is a platform for exchanging cryptocurrencies based on functionality programmed on the blockchain (i.e., in smart contracts). The trading is peer-to-peer, or between pools of liquidity. This is in contrast with a centralized exchange, which is more akin to a bank or investment firm that specializes in cryptocurrencies. There are important technical and regulatory differences between the two which are constantly evolving.

**Digital Asset** - A digital commodity that is scarce, electronically transferable, and intangible with a market value.

**Ether (ETH)** - Ether is the native currency of the Ethereum blockchain network. Ether—also referred to as ETH (pronounced with a long “e”, like “teeth” without the “t”)—functions as a fuel of the Ethereum ecosystem by acting as a medium of incentive and form of payment for network participants to execute essential operations. The cryptocurrency of Ethereum has a lowercase e. The plural of ether is just ether; its abbreviation is ETH, with a space: *I have 10 ETH*.

**Ethereum** - A public blockchain network and decentralized software platform upon which developers build and run applications. As it is a proper noun, it should always be capitalized.

**Exchange** - A place to trade cryptocurrency. Centralized exchanges, operated by companies like Coinbase and Gemini, function as intermediaries, while decentralized exchanges do not have a central authority.

**Fiat Currency** - Government-issued currency. For example, US Dollars (USD), Euros (EUR), Yuan (CNY), and Yen (JPY).

**Fork** - A fork creates an alternative version of a blockchain, and are often enacted intentionally to apply upgrades to a network. Soft Forks render two chains with some compatibility, while

Hard Forks create a new version of the chain that must be adopted to continue participation. In the instance of a contentious Hard Fork, this can create two versions of a blockchain network. See also “hard fork”.

**Gas** - A measure of the computational steps required for a transaction on the Ethereum network. This then equates to a fee for network users paid in small units of ETH specified as Gwei. See also “ether (denominations)”.

**Gas Price** - The gas price is what it sounds like: the cost the network is paid for the computational work being performed in a given transaction. It is paid in units of ETH called Gwei. Depending on network congestion, the gas price may vary significantly.

**Gwei** - A minuscule and common denomination of ETH, and the unit in which gas prices are often specified.

**Hardware Wallet** - A physical device that can be connected to the web and interact with online exchanges, but can also be used as cold storage (not connected to the internet).

**Know Your Customer (KYC)** - A process in which a business must verify the identity and background information (address, financials, etc) of their customers. For example, current regulations and laws require banks and other financial institutions to keep and report customers’ personal information and transactions.

**Private Key** - A private key is an alphanumeric string of data that, in MetaMask, corresponds to a single specific account in a wallet. Private keys can be thought of as a password that enables an individual to access their crypto account. Never reveal your private key to anyone, as whoever controls the private key controls the account funds. If you lose your private key, then you lose access to that account.

**Proof of Stake (PoS)**- A consensus mechanism in which an individual or “validator” validates transactions or blocks. Validators “stake” their cryptocurrency, such as ether, on whichever transactions they choose to validate. If the individual validates a block (group of transactions) correctly then the individual receives a reward. Typically, if a validator verifies an incorrect transaction then they lose the cryptocurrency that they staked. PoS requires a negligible amount of computing power compared to Proof of Work consensus. **\*SJ’s note - HEX IS PROOF OF STAKE!**

**Proof of Work (PoW)** - A consensus mechanism in which each block is ‘mined’ by a group of individuals or nodes on the network. Hashing a block, which is in itself an easy computational

process, under PoW requires each miner to solve for a set, difficult variable. In effect, the process of hashing each block becomes a competition. This addition of solving for a target increases the difficulty of successfully hashing each block. For each hashed block, the overall process of hashing will have taken some time and computational effort. Thus, a hashed block is considered Proof of Work, and the miner that successfully hashes the block first receives a reward, in the form of cryptocurrency. PoW is significantly more energy-intensive than other consensus mechanisms, such as Proof of Stake. **\*SJ's note - HEX IS PROOF OF STAKE!**

**Seed (phrase) / Secret Recovery Phrase** - The seed phrase, mnemonic, or Secret Recovery Phrase is a crucial part of public blockchain technology, [originally created for Bitcoin](#), and goes by many names. However, they all refer to a set of ordered words which correspond to determined values. These values never change, and therefore the same string of words in the same order will always produce the same number—this is the underlying functionality that allows seed phrases to back up wallets. The Secret Recovery Phrase is exactly what it sounds like: something that is secret, and should be known only to the owner of the account. If the seed phrase is given to someone else, that person has complete control over the account; they can drain it of tokens and funds, execute transactions with it, etc.

**Smart Contracts** - Smart contracts are programs whose terms are recorded in computer code. While they often contain agreements or sets of actions between parties that emulate a traditional legal contract, they are not, in and of themselves, legal documents. Smart contracts are automated actions that can be coded and executed once a set of conditions is met, and are the dominant form of programming on the Ethereum Virtual Machine.

**Stablecoin** - Any cryptocurrency pegged to a stable asset, like fiat currency or gold. It theoretically remains stable in price as it is measured against a known amount of an asset less subject to fluctuation. Always spelled as one word.

**Staking** - In the Ethereum context, 'staking' of tokens or currency carries the traditional meaning of 'setting aside currency for a determined purpose'; however, 'staking' can happen in a variety of venues with different effects. For example, on decentralized exchanges (DEXes), there is no centralized authority or bank putting up the funds to allow transfers to happen between parties; rather, the parties amongst themselves have to establish liquidity pools in order to facilitate swaps. In this context, someone might 'stake' tokens into a liquidity pool, often for a promised rate of return in exchange for the use of their tokens, with the option to withdraw their tokens later.