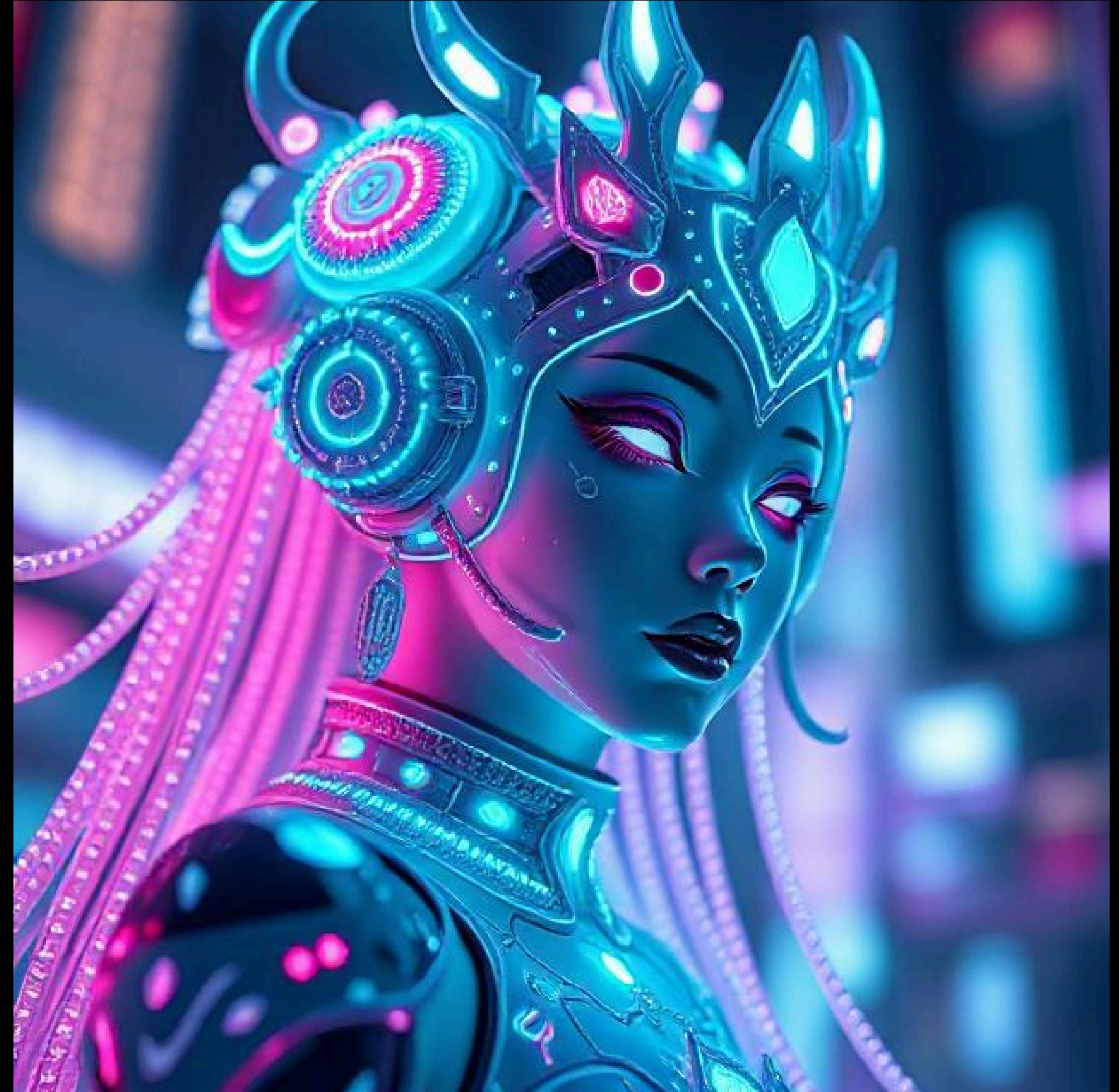


Blockchain SATI

This is just the beginning of something big...

GITHUB <https://github.com/TESLA-SATI/Blockchain-SATI>





Solana Labs master

Experience



Google developer

Token SATI #6

TESLA-SATI wants to merge 28 commits into TESLA-SATI:21 from solana-labs:master

Labels

None yet

Projects

None yet

Milestone

No milestone

Development

Successfully merging this pull request may close these issues.

None yet

Notifications

Customize

AshwinSekar and others added 26 commits last year

vote: deprecate unused legacy vote tx plumbing (#274)

Remove public visibility of program cache from bank (#279)

add stats for write cache flushing (#233)

[solana-install-init] Optimize error message for Windows user permiss...

Make the quic server connection table use an async lock, reducing thr...

[TieredStorage] TieredStorageFile -> TieredReadOnlyFile and TieredWri...

Net script fix for expected shred version (#280)

[TieredStorage] Use BufWriter in TieredWritableFile (#261)

21 participants

jeffwashington

Jeff Washington (jwash)

Google Cloud Innovators

Google for Developers

The products

The Program for Developers

The solutions

The events

Information about

The Community

The blog

The panel

Pages saved

My profile

My community

Subscriptions and prices

Settings and settings

More information

My profile

SATI

LEARNING SYSTEMS ENGINEER,

HTTPS://GITHUB.COM/TESLA-SATI

I use a few pros in the above list

Set a custom web address

P

and Public

Public

The town of

Warsaw, Poland

Level of experience

Favorite badges

Member of Women Techmakers

Joined Google Developers

Google Cloud Innovator

Add a badge

Badges and badges

I/O 2024 - registered

Member of Women Techmakers

Google Cloud Innovator

Joined Google Developers

TESLA-SATI/solana

#6 Token SATI

3 comments

0 reviews

70 files

+1624 -1282

TESLA-SATI

June 9, 2024

28 commits

Token SATI by TESLA-SATI

Pull Request #6

TESLA-SATI/solana

pi-explorer

Public

forked from pi-apps/pi-explorer

development

9 Branches

22 Tags

Pi developer

Meta

Mask

Developer

Problem Combining **three consensuses** into one code

1. Proof of Work (POW):

- A computational puzzle is solved to find a valid proof.
- The difficulty is set by requiring the hash to start with 0000.

2. Proof of Stake (POS):

- Stakeholders are chosen based on their stake proportion.
- A random selection weighted by stake determines the validator.

3. Proof of History (POH):

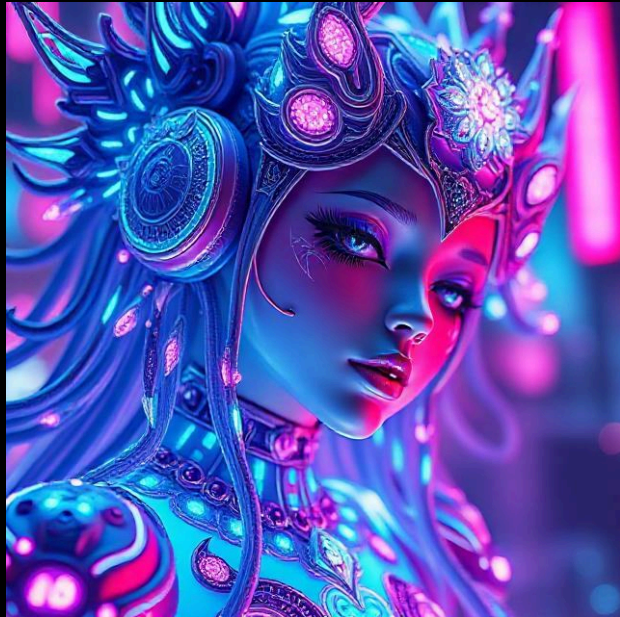
- A hash chain is created by hashing the previous history with a timestamp.
- This provides a verifiable sequence of events.



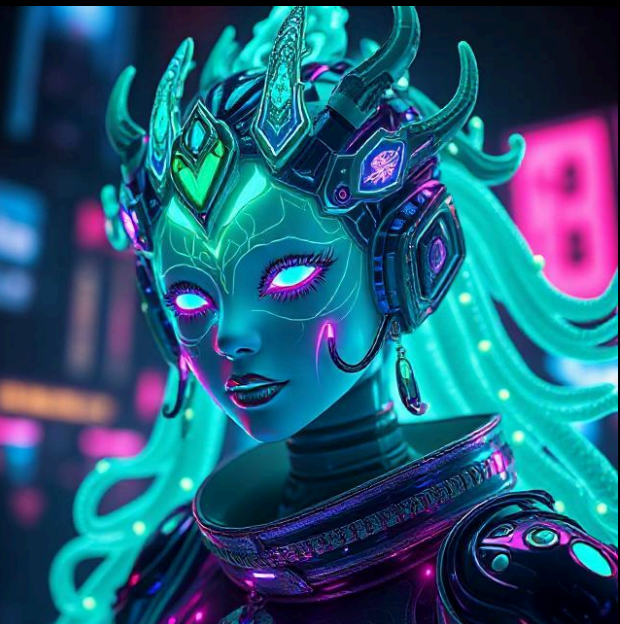
SATI Solution



Securing Solana users from **hacker** attacks



Implementation of the **POW** consensus for **miners** in Solana tree



Simplifying asset exchange **management**

Token SATI

21 Developers in Solana Tree

Open

Token SATI #6

TESLA-SATI wants to merge 28 commits into `TESLA-SATI:21` from `solana-labs:master`

1

AshwinSekar and others added 26 commits [last year](#)

vote: deprecate unused legacy vote tx plumbing (#274)

d3a7d99

Labels

None yet

Projects

None yet

Milestone

No milestone

Development

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None yet

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Customize

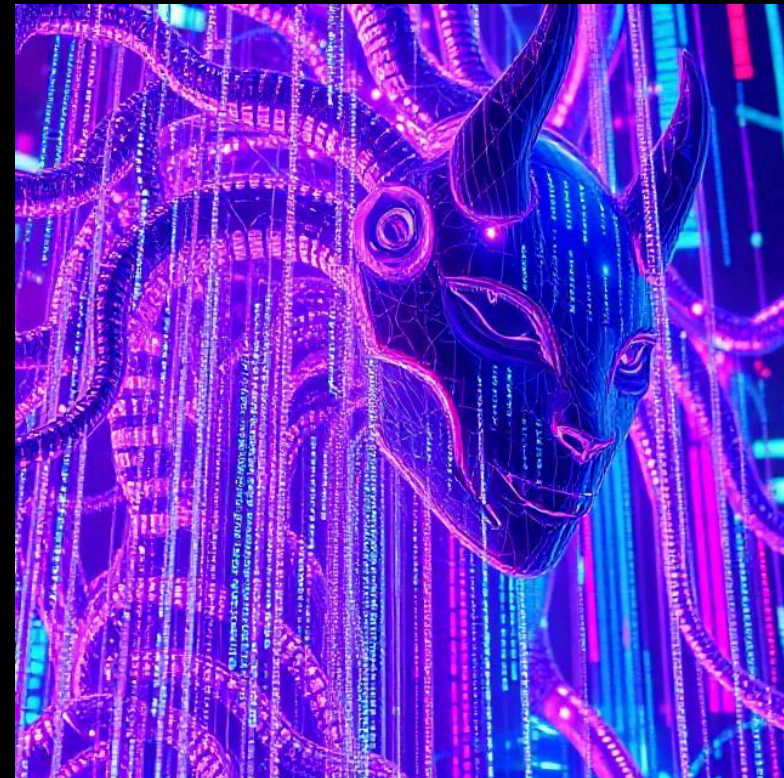
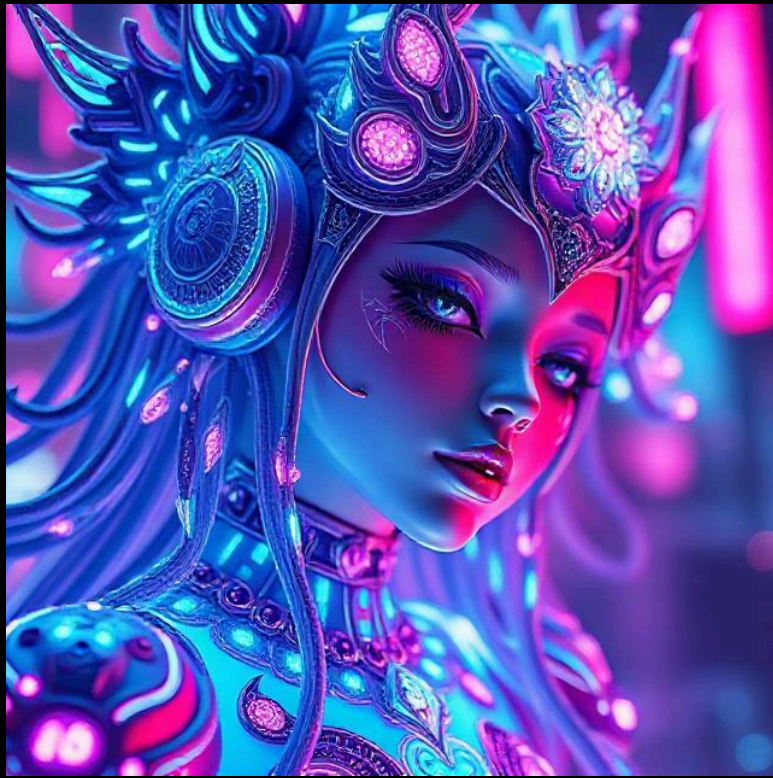
Unsubscribe

You're receiving notifications because you authored the thread.

21 participants

Lock conversation

Products for Solana tree



Blockchain in Solana

Solana cannot afford such experiments, therefore it needs a partner in its tree who will confirm the value of innovation not only in the laboratory but also on the real market.

Unique code transfer

Safe solution to transfer assets, we can include all the necessary information and actions in the code, staking or smart contract. Resistant to hacker attacks and even AI using quantum computers.

AI wallet

An automated wallet that combines all the features you need without having to use other platforms

SATI Token

21 Developers in
Solana Tree

SATI Interface



S - Sell token

To IT card Google pay - one time safe action code

T - Turn - Send /Receive

Send or receive a token using a single-use and secure courier protocol code & one-time action codes

A - Accommodation /Stake

Keep and stake token in program POS consensus, on the wallet

I - Interaction Wrapped SATI

Create smart contracts using AI/NFT blockchain with just one button

GitHub Copilot Chat

Python implementation of POW + POS + POH consensus

```
def proof_of_work(self, previous_hash, difficulty=4):
    nonce = 0
    while True:
        block_data = f"{previous_hash}{nonce}".encode()
        block_hash = hashlib.sha256(block_data).hexdigest()
        if block_hash[:difficulty] == "0" * difficulty:
            return nonce, block_hash
        nonce += 1

def proof_of_stake(self):
    total_stake = sum(self.stakeholders.values())
    if total_stake == 0:
        raise ValueError("No stakeholders with stakes available.")
    pick = random.uniform(0, total_stake)
    current = 0
    for stakeholder, stake in self.stakeholders.items():
        current += stake
        if current > pick:
            return stakeholder

def proof_of_history(self, timestamp):
    history_hash = hashlib.sha256(str(timestamp).encode()).hexdigest()
    self.history.append(history_hash)
    return history_hash

def add_block(self, data):
    previous_hash = self.chain[-1]['hash'] if self.chain else "0" * 64
```

AI suggestions might be inaccurate.

☒ Include active document

Ask Copilot or use @workspace

GPT-4o

Simple list solution

First thing

Unique combination of three consensus POW
+ POS + POH in Solana code

Second thing

I've already built 90%
21 Developers in
Solana Tree

Third thing

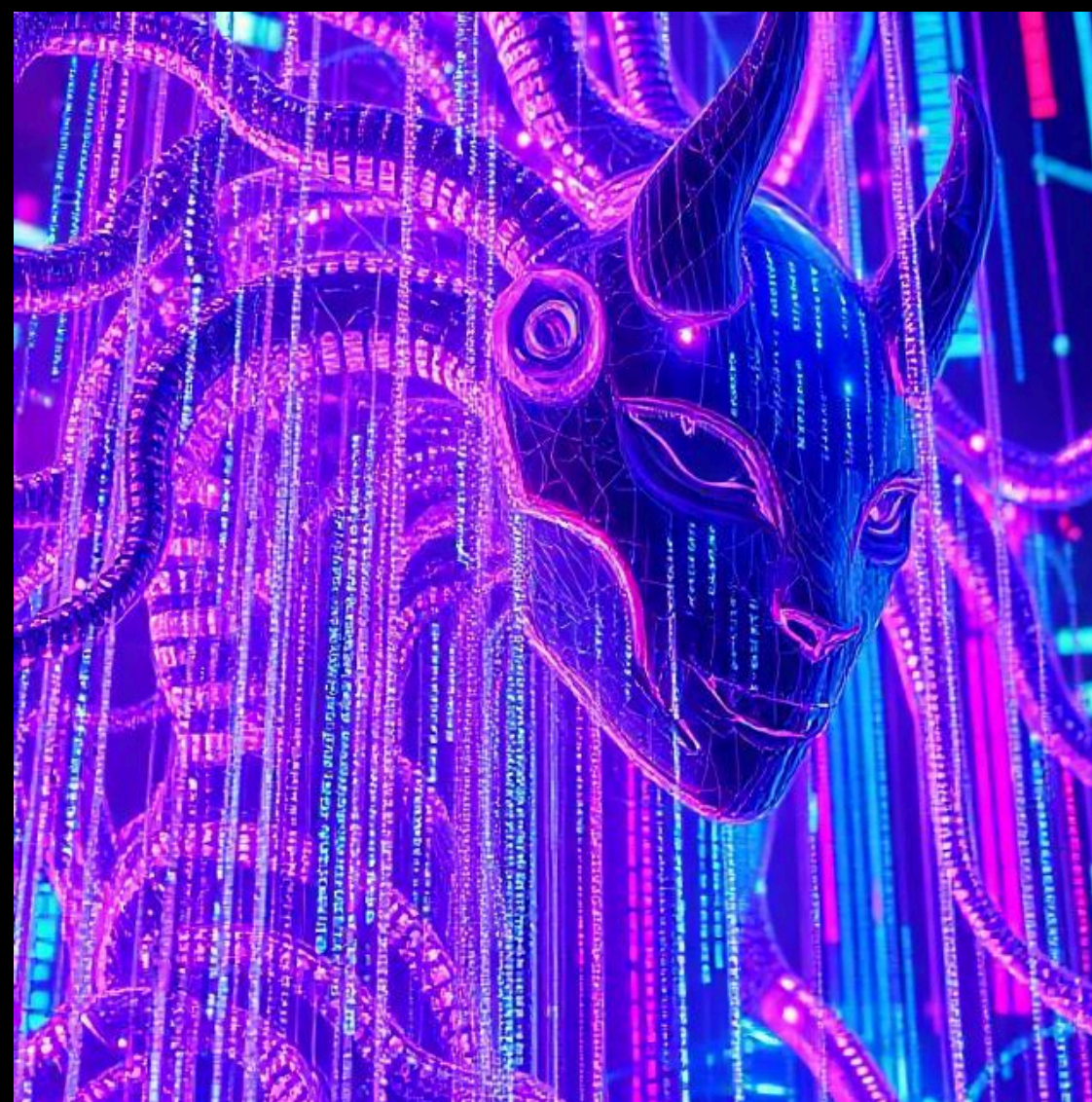
Unique code tranfer uses a
unique one operation code solution

- Proof of Work (POW):**
 - A nonce is calculated to satisfy a hash difficulty condition.
- Proof of Stake (POS):**
 - A stakeholder is selected based on their stake proportion.
- Proof of History (POH):**
 - A hash of the timestamp is added to the block to provide a historical record.

AI wallet



Unique code transfer



The payment



Problem User **Security** Solution The **SATI wallet** database uses a unique one operation code solution: **Unique** code tranfer

The Team SATI

CEO SATI

Maurice Wojciechowski

Developer Solana Labs,
Google Machine Learning AI,
miner and designer

Lead Programmer

Enayat Roshan

A versatile Rust and Blockchain engineer with a strong analytical mindset and over 6 years of experience in blockchain development and backend systems. Skilled in building scalable, efficient, and secure applications, I focus on solving complex challenges while collaborating effectively across teams.

The Team manager

Olhaid Raymund

Community manager and director of community with over 5 years of experience with cryptocurrency and Web3 space. Reference Ray Laracuenta, Charls - Interlude

Roadmap

