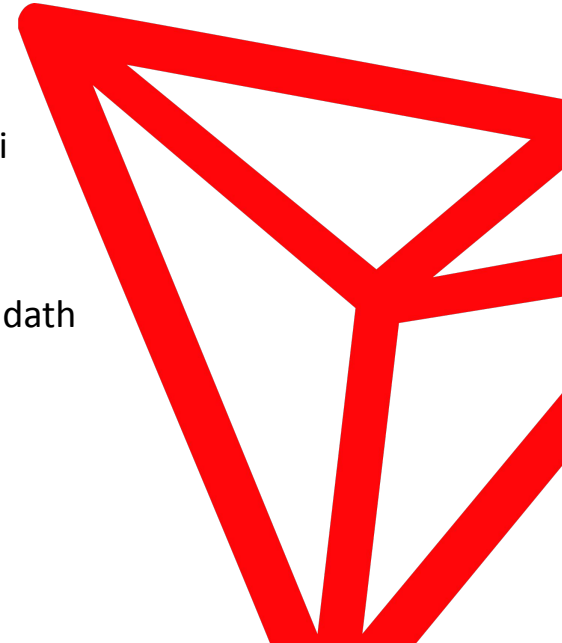


# TRONIFY

*A Certification Verification system*

- Vamshi Paili
- Avinash Nutalapati
- Saikumar Ale
- Shweta Mishra
- Shruthi Kandampadath



# THIS PRESENTATION

## What we're going to Cover?

•1

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• Problem Statement

•2

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• Project

•3

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• Methodology

•4

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• Use cases

•5

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• Conclusion

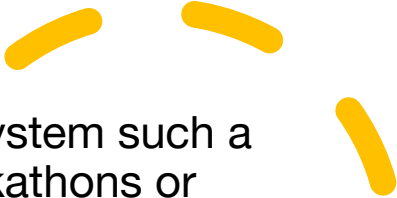


# Project

- Winning is Hard, Faking is Easy. It's easy to pretend to be an imposter than going through struggles and achieving the results
- Organizations occasionally struggle to issue certificates or tickets for events they host.
- Our usecase is to validate the certificates to the participants, winners at Tron x EasyA Hackathon.



# Project

- 
- That's not it, we built the system such a way that after winning hackathons or competitions all the eligible participants prize money would be delivered to recipients Tron Wallet.
  - But since there are no authentication requirements and these certificates or tickets are not produced as NFT, they are simply faked.
  - You will have TRON verified Certificate straight into your ERC-721 compatible wallet

# Methodology

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Input name and  
TRON wallet ADR



Generate TRON  
Hashcode



Generate  
Certificate



Verify on  
TronScan



Mine ERC-721  
NFT



Add NFT to wallet



Enter Name:

Phil Kwok

Save 1

Enter Contract:

THh2BTPHFT22vEVFqcbu1PEMbP5G

Save 2

Example Input



TRONIFY: Authentic Certificate Generator



Input



Verify

# Upload XLSX with list of names

Choose a file



Drag and drop file here

Limit 200MB per file

Browse files


## vam

## Tron Transaction Details

Tron HashID: 8b141e4484a76b495bbe392c792443d245f38a9e6e552bf219364a44f74f68d6

Verify the Transaction on Tronscan [link](#)

## Transaction Details

Account **TP59LgebV1VtQMswGiju9PEYZ4dT3ziNHa** transferred **1**  TRX to **THh2BTPHFT22vEVFqcbu1PEMbP5GsqNppG**.

? Hash: 8b141e4484a76b495bbe392c792443d245f38a9e6e552bf219364a44f74f68d6 



? Result: **SUCCESS**

? Status: **CONFIRMED** Confirmed by over 200 blocks

? Confirmed SRs: 19  [http://sr-2...](#) [http://sr-1...](#) [http://sr-1...](#) [http://sr-2...](#) 

? Block: 31547329

? Time: 2022-11-13 10:13:30 (Local) | 22 mins 2 secs ago

? Resources Consumed & Fees:  **0.292 TRX** **292 Bandwidth** 



# TRONIFY: Authentic Certificate Generator



Input



Verify

Enter the Name

vam

Select Date

2022/11/13



MINT AS NFT

search



# CERTIFICATE OF APPRECIATION

IS PROUDLY PRESENTED TO :

*Phil Kwok*

To provide valuable insight during the HackWeb3  
at Harvard University.



**Tron Network**

**Phil**  
Easya

**Hash:** [dac307f27268b050f5978e264a21e5664914ece6d849d4e387f2b47579905f10](#)

This certificate is Tron Blockchain Verified





# TRONIFY: Authentic Certificate Generator



Input



Verify

Enter the Name

vam

Select Date

2022/11/13



MINT AS NFT

search

# Transaction Details



Overview

Logs (1)

State

[ This is a Goerli **Testnet** transaction only ]

Transaction Hash: 0x82e0d6e11710dec6a94f1502e8e23aa8b214541708b603969048bea63cb1d52a

Status: Success

Block: 7946371 4 Block Confirmations

Timestamp: 44 secs ago (Nov-13-2022 02:38:24 PM +UTC)

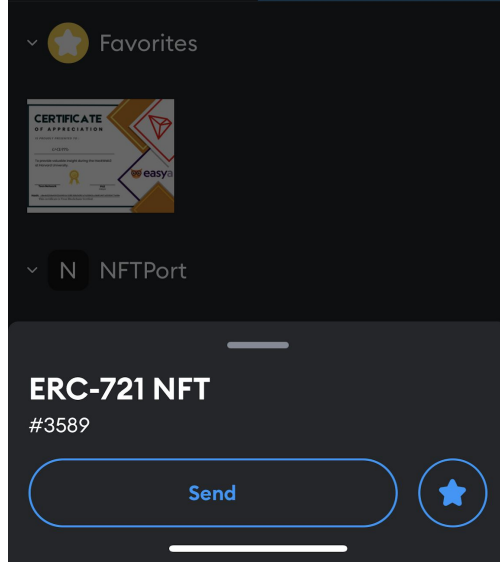
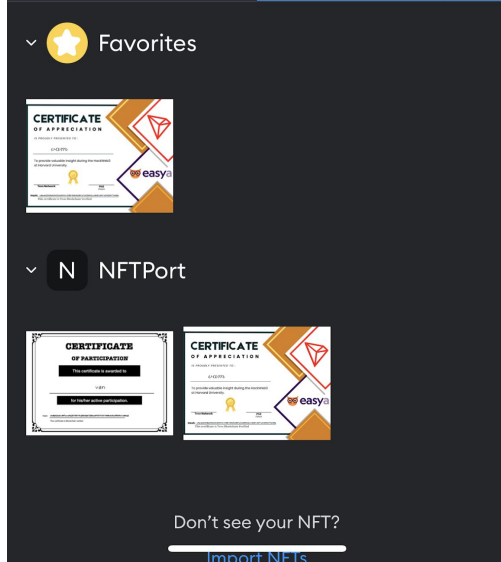
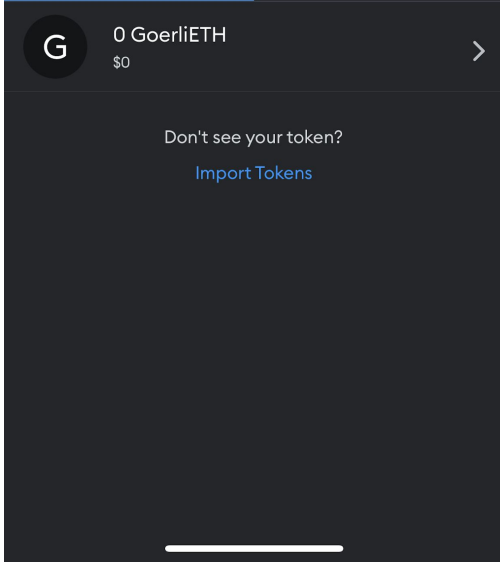
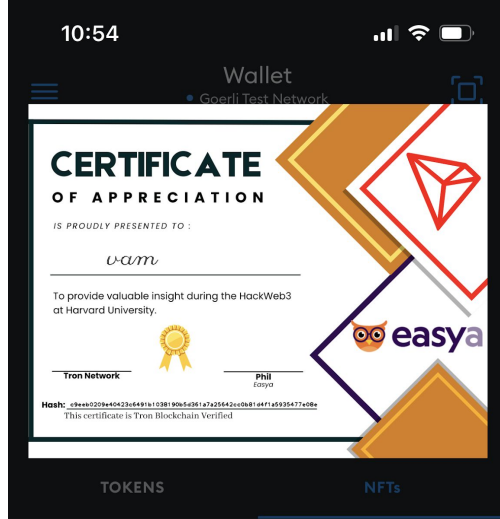
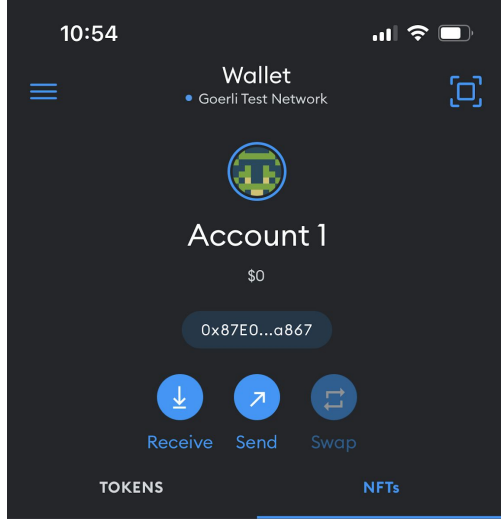
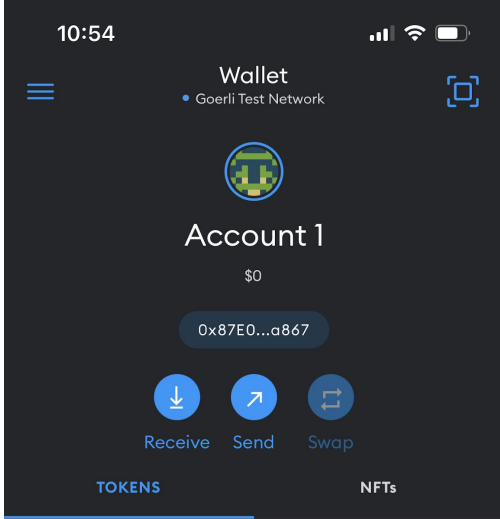
From: 0x1cad16482acc2d1177a0679d7ee5dc85f6900edb

Interacted With (To): Contract 0xb91876637e407b75fc5da1a81114db68f4851932

ERC-721 Tokens Transferred: **From** 0x000000000000... **To** 0x87e081c301185...  
For ERC-721 Token ID [3589] NFTPort (NFTP)

Value: 0 Ether (\$0.00)

Transaction Fee: 0.000281220002699712 Ether (\$0.00)





# Insights

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- A verification system which is Eco Friendly with negligible carbon footprint
- Highly Scalable with Continuous Integration
- A Generic system which can be forked to implement on multiple usecases
- Application is deployed and running on TRON network

# Conclusion

- The scope is endless.
- Background checks for Education and Employment
- Certifications from edtech sites like coursera, edX
- Event certifications like Tron x EasyA Hackathon
- Any kind of verifiable document
- We're planning to scale and refine the system for broader usage



TH