SIPP

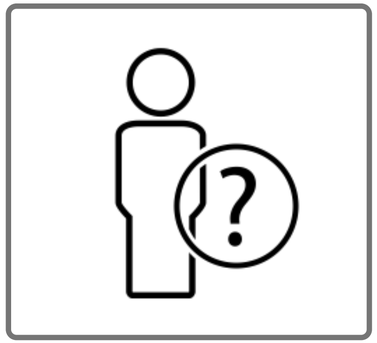
Solana Intellectual Property Protector

SOLANA RUST BOOTCAMP

ENCODE CLUB | TARIK ACHOUGHI | TANGIER, MOROCCO | 2025-07-10

encode CLUB

Who am I ?



Tarik Achoughi

https://www.linkedin.com/in/tarik-achoughi/

The Critical Problem

Academic IP Theft: Multi Million Annual Problem

- 30% of academic papers contain plagiarized content.
- Legal disputes cost institutions $5,000-$50,000 per case.
- Traditional proof methods are easily manipulated.
- No immutable proof of authorship.
- Manual content analysis is subjective.
- Time-consuming verification processes.
- Expensive legal procedures.

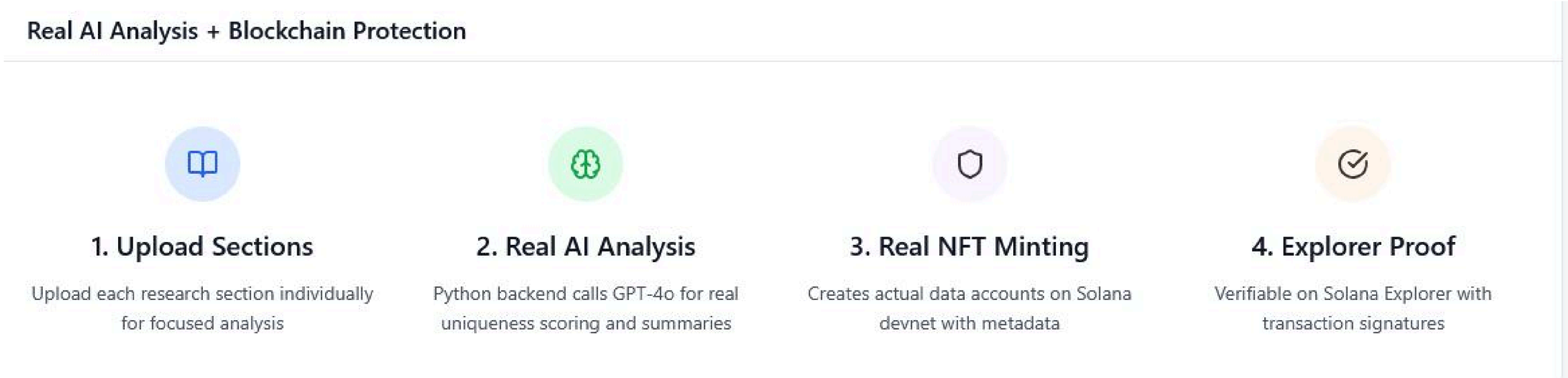
BENEFIT

Why This Matters Now ?

Solana Intellectual Property Protector

[SIPP]

WHY THIS MATTERS NOW ?



The Perfect Storm: Digital Publishing + AI + Blockchain
Technology Convergence: AI analysis + Blockchain immutability.
Economic Opportunity: 99.998% cost reduction vs. traditional methods.
Future-Proof: Scalable solution for growing digital research.

Our Revolutionary Solution

- **AI Analysis** : GPT-4o provides objective uniqueness scoring
- **Blockchain Proof** : Immutable records on Solana network
- **Section-Level** : Granular protection for each paper component
- **Real-Time** : Instant protection and verification

KEY INNOVATION POINTS

Real AI Integration
Live GPT-4o analysis, not simulation

Production Blockchain 2
Actual Solana devnet transactions

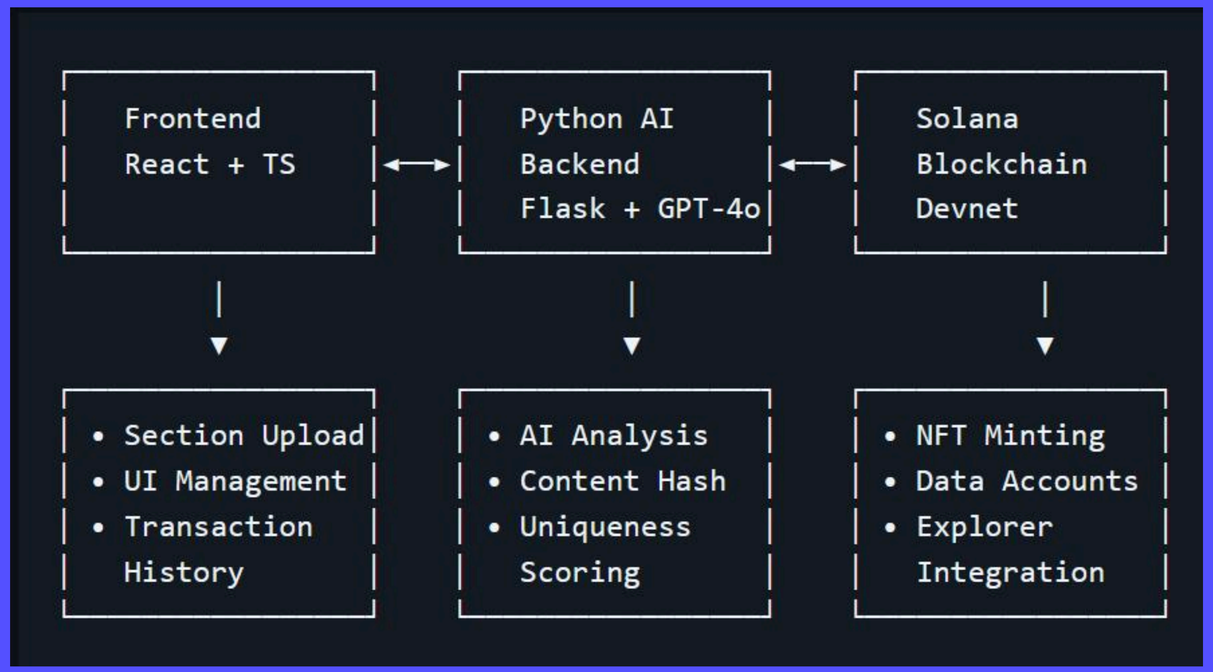
Section Granularity
Individual protection for each section

Cost Efficiency
$0.12 per complete paper vs. $5,000+ traditional

Explorer Verification
Public blockchain proof via Solana Explorer

Source : https://medium.com/@achoughi.tarik/the-fake-ai-feeling-in-social-media-changing-the-game-37b6c603eadd

Technical Architecture




```
src/
├── atoms/
│   ├── Button.tsx
│   ├── Card.tsx
│   └── Badge.tsx
├── molecules/
│   ├── SectionUpload.tsx
│   ├── WalletConnection.tsx
│   ├── SectionCard.tsx
│   ├── ScoreDisplay.tsx
│   ├── FileUpload.tsx
│   └── TransactionHistory.tsx
├── organisms/
│   ├── AnalysisResults.tsx
│   └── PaperAnalysis.tsx
├── pages/
│   └── HomePage.tsx
├── types/
│   └── index.ts
└── utils/
    ├── aiAnalysis.ts
    ├── nftService.ts
    └── solanaService.ts
```

BUSINESS IMPACT

Market Impact

Market Impact

Focus on the Core 5

Target Market	Cost Savings	Time Savings	Global Access	Legal Strength
25,000+ universities worldwide	98% reduction vs. traditional methods	Hours to seconds for IP protection	Available to researchers worldwide	Blockchain evidence accepted in courts

Demo

Upload and Protect Your Research Sections

Abstract

NFT Minted

Generative Artificial Intelligence (AI) has increasingly been used to enhance threat intelligence and cyber security measures for organizations. Generative AI is a form of AI that creates new data wit...

Edit Content

AI Analysis

65/100

The paper discusses the application of Generative Artificial Intelligence (AI) in enhancing threat intelligence and cybersecurity for organizations. Generative AI, which creates new data independently of existing data or expert knowledge, aids in the rapid identification of threats and vulnerabilities, particularly benefiting security operations centers (SOCs). This technology offers an additional defense layer by incorporating diverse data points, improving the ability to counter sophisticated cyber attacks.

NFT Minted Successfully

NFT: GMiaw4o5...a9HA9jhr

View on Solscan

Introduction

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Repository

https://github.com/secfit/solana-ip-protector

Thank you

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