

Santiago Nihany

Computer Engineering Student - Web3 dev

santi.nihany@gmail.com | linkedin.com/in/santiagonihany/ | github.com/santi-nihany

Bio

I am a 21-year-old Computer Engineering student and full-stack Blockchain developer passionate about leveraging blockchain to solve real-world problems. I enjoy designing solution architectures that address impactful challenges. Currently, I'm deepening my understanding of distributed systems and enhancing my skills as a smart contract dev.

TECHNICAL SKILLS

Languages: Solidity, JavaScript, Rust, C, Python, Noir, GraphQL
Frameworks and Tools: Foundry, Hardhat, NextJs, NodeJs, Docker
Protocols: Ethereum, Optimism, Aztec, IPFS, The Graph, Chainlink

EXPERIENCE

Research Assistant

AI Lab - Universidad Torcuato Di Tella.

April 2024 – August 2024

CABA, Argentina

Project: FAI3 - AI Certification on-chain.

- Research: Conducted research on AI fairness, accuracy, toxicity, and data quality metrics. Explored blockchain technology for model evaluation, ensuring transparency and reliability.
- Development: Integrated ezkl library for ZK proofs to validate model execution. Developed and tested smart contracts using Solidity and Foundry. Indexed smart contract events using The Graph. Built the UI with Next.js. Implemented functionalities for model submission, report generation, and leaderboard display.
- AI Evaluation: Designed and implemented a process for submitting AI models, calculating on-chain scores, and generating detailed reports. Created a comprehensive leaderboard to rate models based on various metrics, promoting transparency and competition.

Freelance Full-Stack Web Developer

Freelos.xyz

June 2023 – April 2024

Remote

- Developed full-stack web applications using technologies such as Next.js and Tailwind.css, focusing on creating functional, efficient, and user-centered digital experiences.

EDUCATION

Universidad Nacional de La Plata

Computer Engineering, Faculty of Engineering and CS.

La Plata, Argentina

2021 - 2025

Ethereum Protocol Fellowship Study Group

EPF

2024

Web3 and Smart Contract Development Course

Free Code Camp

2023

Full-Stack Web Development Course

Digital House

2020

HACKATHONS

Aleph Hackathon Verano

Project: Superswap - Superchain Liquidity Pool

November 2024

Buenos Aires, Argentina

- Project: The Superchain Liquidity Pool addresses the liquidity fragmentation caused by the rise of new Layer 2s in Ethereum by unifying distributed pools across OP Stack chains. Leveraging Superchain's native cross-chain calls, it allows seamless token swaps and liquidity provision while minimizing slippage. Its open-source, scalable design integrates bridges and messaging protocols, providing a developer-friendly solution to simplify multi-chain DeFi.
- Recognition: Won the track "Superchain Financial Innovation"

Aleph Hackathon

Project: Certo - Anonymous Verifiable Surveys

August 2024

Buenos Aires, Argentina

- Project: Certo is a decentralized solution that enhances the integrity of scientific research by addressing data inconsistency and replicability issues. It ensures reliable data collection by:
 1. Rewarding honest survey participation with incentives.
 2. Verifying participants eligibility using Proof of Personhood (PoP).
 3. Committing data to the blockchain for transparency and pre-registration.
- Recognition: Top 3 finalists

ETH Global Istanbul

Project: Morvo - Anonymous Publishing Platform

November 2023

Istanbul, Turkey

- Project: Developed Morvo, a platform that enables journalists to publish controversial stories anonymously while maintaining their real-world credentials. Utilized technologies such as Noir circuits and Merkle tree proofs.
- Recognition: Won Best Overall - Worldcoin and Best Monetization Model - Lens Protocol at the hackathon.

CERTIFICATIONS

First Certificate Exam

Issued Dec 2019

C1 Level