

Santiago Nihany

Computer Engineering Student - Web3 dev

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Bio

I am a 21-year-old Computer Engineering student and Full-stack Blockchain developer who is passionate about the impact blockchain can have on the world. I enjoy thinking about real world problems while designing their solution architecture. I'm currently learning about Ethereum and understanding the fundamental workings of the network, while scaling up my skills as a Smart Contract Dev.

TECHNICAL SKILLS

Languages: Solidity, JavaScript, Huff, C, Python, Noir, GraphQL, SQL

Frameworks: Foundry, Hardhat, NextJs, NodeJs

Protocols: IPFS, The Graph, Chainlink, Lens, Aztec

EXPERIENCE

Research Assistant

July 2024 – Present

AI Lab - Universidad Torcuato Di Tella.

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.
- **Backend:** 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.
- **Frontend:** 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

June 2023 – Present

Freelos.xyz

Remote

- **Development:** Developed full-stack web applications using technologies such as Next.js and Tailwind.css, focusing on creating functional, efficient, and user-centered digital experiences.
- **Collaboration:** Worked with clients to understand their requirements and deliver customized solutions. Managed project timelines and deliverables.
- **Maintenance:** Provided ongoing support and updates for deployed projects, ensuring optimal performance and security.

EDUCATION

Universidad Nacional de La Plata

La Plata, Argentina

Computer Engineering, Faculty of Engineering and CS.

2021 - 2025

Web3 and Smart Contract Development Course

2023

Free Code Camp

Full-Stack Web Development Course

2020

Digital House

HACKATHONS

ETH Global

November 2023

Project: [Morvo - Anonymous Publishing Platform](#)

Istanbul, Turkey

- **Development:** 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.

Ethereum Argentina Buildathon

August 2023

Project: Sciencetifical - DeSci Protocol

Buenos Aires, Argentina

- Concept: Developed a decentralized protocol to enhance the Open Science process with an incentive model for peer reviewing. Centralized peer review processes while decentralizing information, fostering transparent and reproducible research.
- Recognition: Worldcoin bounty winners.

HackITBA

April 2023

Project: Deep - Decentralized Publishing House

Buenos Aires, Argentina

- Development: Created Deep, the first decentralized publishing house where authors can connect with readers to secure funding for book publication. Used Solidity for smart contract development, Hardhat for deployment and testing, and Chai for unit tests.
- Recognition: Top 3 Finalists.

CERTIFICATIONS

First Certificate Exam

C1 Level

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