

[Pedro B. Franceschin]

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Objective

Work full-time developing web3 applications. Mission is to help support the progressive decentralization of all things.

Skills

- **Programming:** Solidity, Yul, JavaScript, TypeScript, Python, R
- **Development:** React, Node.js, Hardhat, Truffle, EVM, Ethers.js, Web3.js, Viem, IPFS
- **Other:** Ample conceptual knowledge of blockchain and web3; technical writing (English and Portuguese); versed in Economic Theory; proactive and autonomous learner.

Business Ventures

- **Venn Studio** 2023 - Present
Co-founder
Software studio focused on web(3) applications, smart contract protocols and decentralized solutions.

Experience

- **Researcher Developer, Fundação Getúlio Vargas** 2022-2023
 - Led research on Blockchain applications in the public sector.
 - Led research on innovative technologies for government transparency.
 - Led research on blockchain and games.
 - Developed **POC** for public-budget tracing.

Grants & Prizes

- **BASE Grant: Based Accounts** 2023
Project: *NFT Rentals Using Account Abstraction*
- **ETHSamba Hack** 2022
Project: *Graph Funder*
- **Encode Metaverse Hackathon** 2022
Project: *OPen Science*

Education

- **Master of Arts in Applied Economics**, [Universidade de São Paulo](#), Ribeirão Preto 2022
 - Research: economic theory applied to blockchain technology and decentralized ledger technology (DLT). Advisor: [Dr. Jefferson Bertolai](#).
 - Dissertation: *Uma introdução à teoria do Desenho de Plataformas Descentralizadas* (*An Introduction to the theory of Decentralized Platforms Design*).
- **Bachelor of Science in Engineering**, [Pontifícia Universidade Católica](#), Rio de Janeiro 2016
 - Area: [Production Engineering](#)
 - Dissertation: on *Project Management*.
- **Bootcamps**
 - *Hoon School*, [Urbit Foundation](#) 2023
 - *Solidity Bootcamp*, [Encode Club](#) 2022

Academic

- **Researcher** 2022 - 2023

Fundação Getúlio Vargas, ECMI.

Expertise: Blockchain and DLT technologies.
- **Researcher at Economics, Mathematics and Computations Lab (LEMC)** 2020 - 2022

Universidade de São Paulo, FEA-RP.

Expertise: Economic Theory and digital currencies

Activities:

 - Lecturer at [Workshop 2020](#), *Cryptocurrencies and Monetary Theory: an introduction*.
 - Assistant professor at [Minicurso 2021](#), *Topics in Mathematical Economics*.
 - Lecturer at [Workshop 2022](#), *Synthetic asset applications in blockchain platforms*.
- **Tutor at M.A. *Applied Economics* program** 2021

Universidade de São Paulo, FEA-RP.

Discipline: *Applied Math*.
- **Tutor at B.Sc *Engineering* program** 2011

Pontifícia Universidade Católica do Rio de Janeiro.

Discipline: *Programming II* (C language).

Publications

PT *Blockchain e Plataformas Descentralizadas*, 2023, Novas Edições Acadêmicas, <https://www.morebooks.shop/shop-ui/shop/book-launch-offer/5fcc5a6ab24bcafcf1d0c98c14787eab1c4f6915>

Projects

- **Venn Protocol** (*Australopitech*) 2023 - Present
Uncollateralized NFT rentals using account abstraction.
Role: active as a smart contract and full-stack developer.
Repo: <https://github.com/australopitech/venn-protocol>.
Stage: POC.
- **Graphia** (*Australopitech*) 2023 - Present
Optimal funding distribution using cross-reference trees.
Role: protocol engineer.
Stage: early development.
- **Graph-Funder** (*Australopitech*) 2023 - Present
Funding of open-source projects using cross-reference trees.
Role: smart contract and full-stack developer.
Repo: <https://github.com/pbfranceschin/Graph-Funder>.
Stage: early development.
- **OPen Science** (*Australopitech*) 2022 - Present
Publishing and funding of open scientific papers using cross-reference trees.
Role: smart contract and full-stack developer.
Repo: <https://github.com/bfranceschin/OPenScience>.
Stage: early development.
- **App Orçamento** (*Fundação Getúlio Vargas*) 2022 - 2023
Execution and tracing of government budget (private code).
Role: smart contract and full-stack developer (solo).
Stage: POC (discontinued).

Other jobs

- **Owner at Cafe e Bar Gente Bem** 2013 - 2018
Sector: food & beverages
Roles: finances, supplies, operations.
- **Supply Chain Analyst at Nimbi, S.A.** 2011 - 2013
Roles: BPO analyst.
Main client: [Embraer, S.A.](#)