



Leo Botelho

Quantitative Analyst (Junior) / On-chain Strategist / Protocol Designer

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SUMMARY

Currently transitioning my academic focus to Mathematics, I am deeply passionate about Decentralized Finance (DeFi). My goal is to fully commit to this emerging field, leveraging my analytical background for the development and execution of on-chain strategies, solution research, and protocol design (economic structure and mechanism). I am looking for a part-time role (around 60%) in a company active in the DeFi space, one that is ready to support my growth, both technically and practically.

EXPERIENCE



Python and Web Developer

Altux SA · Part-time

Jan 2023 – Present · 2 yrs 10 mos · Lutry

- Broad experience in IT, particularly in Python development for internal tools and automation.
- Contributed to server maintenance, firewall configuration, and conducted basic penetration testing.
- Worked with technologies such as Ansible and various web frameworks.

Python, Ansible, web frameworks

SKILLS

Soft Skills: Active listening, Adaptability, Organization, Autonomy, Analysis

Languages: French (Native language), Portuguese (Conversational), English (B2), German (B2)

PROJECTS

Rethagon - (Website not live yet)

This project is an autonomous, decentralized betting platform for rap battles, designed to ensure better compensation for rappers (15% fee on stakes) and guarantee the integrity of results through advanced on-chain governance.

The betting system uses dynamic odds calculated in real-time based on the liquidity staked in ERC-1155 tokens. Bettors can simulate the impact of their stakes before confirming, and all transactions are subject to protocol fees (2-10%).

The battle outcome is secured by a collegial oracle based on community reputation. Voting rights are non-transferable ERC-1155 Soulbound Tokens (SBTs), with the quantity weighted by the voter's ELO score.

Governance is driven by the GOUV token (a veToken model), which is distributed for economic commitment (locking AURA) and as a reward for high-ELO reputation. Anti-fraud is enforced by penalizing outlier votes and using an economic dispute mechanism where the majority wins the staked tokens of the minority, making cheating economically irrational and creating a fair, meritocratic oracle.

EDUCATION

UniDistance

Bachelor of Mathematics · 2026 –

HEIG-VD

Computer Science Training · 2024 – 2026

Alyra

Decentralized Finance Training · 2025-09-20 – 2025-12-23

Burier Gymnasium

Swiss Matura · 2018 – 2022

School 42

Piscine · 2023 –

Alchemy University

Learn JavaScript | Ethereum Fundamentals · 2025 –