

GUGLIELMO ANFOSSI

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Blockchain Investigator & Forensic Systems Architect

Financial Crime & AML | Crypto investigations | Asset tracing & recovery | Investigation systems & automation

CAREER HIGHLIGHTS

- **10.5M recovery:** Europe's largest USDT single-case recovery, run with Swiss authorities
- **\$800K+ in success fees:** generated across major recovery cases in under 2 years
- **50% less time per report:** an investigation platform that doubled each investigator's output
- **Founder of Token Labs:** led the spin-out of that platform into a fundable venture: business plan, investor pitch, and product architecture

PROFILE

Blockchain investigator focused on financial-crime and AML investigations in crypto. Trace illicit funds across mixers, bridges, and DeFi, attribute the services used to launder them, and turn findings into evidence that compliance officers at exchanges and VASPs, law enforcement, and legal teams can act on, from wallet freezes to asset recovery. Also design the systems that make investigations faster and reproducible to evidentiary standards.

PROFESSIONAL EXPERIENCE

Blockchain Investigations & Innovation Manager (Head of Token Labs) : Token Recovery

Sep 2025 - Present | Contractor, Zug, Switzerland (Remote)

- Built a deterministic, no-LLM blockchain investigation platform from scratch: every trace is reproducible and auditable to evidentiary standards
- Built a watchdog for on-chain transaction monitoring and ran know-your-transaction (KYT) risk checks on case wallets
- Automated the slow parts of tracing, analysis, and report generation, cutting time per report by roughly 50% and raising each full-time investigator's ceiling from 3 to 6 mid-difficulty reports per month
- Designed core investigation components, including Bridge and DEX Interpreters, a Pattern Classifier, and a Pattern Description Generator. Developed the underlying ontology and taxonomy used to classify blockchain behaviors, represent investigative knowledge, and generate consistent investigative narratives from detected patterns.
- Trained 4 team members and turned ad-hoc, analyst-dependent casework into a single reproducible methodology
- Defined the Token Labs spin-out end to end: business plan, market study, board briefing, and investor pitch

Blockchain Investigator : Token Recovery

Oct 2024 - Sep 2025 | Remote

- Worked directly with compliance officers at major exchanges and VASPs, including Binance, Coinbase, and OKX, on freeze requests and information requests for stolen and laundered funds
- Traced the funds and produced the wallet-freeze lists behind a \$10.5M USDT recovery, coordinating with Swiss authorities to execute the recovery, generating a \$600K success fee for the firm
- Recovered over \$1.2M in a separate case, working in collaboration with the U.S. Secret Service, generating a \$192K success fee for the firm
- Reverse-engineered an Inferno Drainer phishing campaign: reconstructed the drainer smart-contract logic and built custom queries that isolated the operator wallet and mapped victims, using only on-chain behavioral patterns and address-relationship taxonomy, with no initial intelligence
- Resolved a complex 11.7K BTC coin-mixing case through overflow analysis, and traced laundering typologies across peel chains, chain-hopping, mixers, and nested services
- Attributed the nested services and laundering services used in each case, and screened fund flows for exposure to sanctioned addresses and entities
- Ran source-of-funds analysis on specific cases to identify who financed the activity under investigation
- Ran fraud and counter-terrorist-financing (CFT) investigations, escalating findings to law-enforcement agencies, VASPs, and international law firms

Independent Web3 Advisory & Systems Design : Freelance

2023 - Present

- Ran an independent blockchain investigation in 2023 whose findings were filed with the Catania public prosecutor (Procura di Catania)

- Private clients: gave UHNWI principals in publishing and manufacturing the grounding to apply smart-contract systems to real problems and to spot the risks and how they get exploited
- Siloe Labour Solution: built conditional-escrow smart contracts for an international recruitment initiative (live on testnet, pilot in preparation) aimed to reduce deceptive recruitment and to operate as a plug-in of corporate payrolls softwares

Solution Architect : Offshore DAO

Jul 2022 - Feb 2023 | Freelance

- Designed composable Web3 primitives (Dynamic NFTs) and translated product vision into technical architecture and Solidity implementation

Lecturer and Web3 Educator : Accademia di Belle Arti di Brera and Independent

2020 - 2024

- Lectured students on system-level reasoning and digital-assets technology at Accademia di Brera
- Mentored professionals one to one and in groups on blockchain and smart contracts

SELECTED PROJECTS

- **Portable Sentinel System:** tamper-resistant hardware and IoT that turns physical events into cryptographically attestable evidence (working PCB prototype)
- **Container NFTs:** smart contracts acting as Web3 folders that bundle heterogeneous assets into one transferable object ([live on testnet](#))
- **Atomic Barter:** a protocol for intermediary-free, asset-to-asset exchange without price denomination ([live on testnet](#))
- **Newsletter:** author of short essays on blockchain investigations, published on LinkedIn as [Constraints](#)

CORE SKILLS

Blockchain & Forensics: cryptocurrency tracing across Bitcoin, Ethereum, EVM chains and non-EVM chains, cross-chain and DeFi tracing (flash loans, MEV, AMMs, bridges), wallet clustering, payload and OP_RETURN decoding, mixer de-obfuscation, transaction monitoring, blockchain analytics, fraud investigation, sybil detection, smart contract analysis, OSINT

Analytics Platforms: Expert: Caudena, Global Ledger, Crystal (CEEI, CEUI certified), Arkham, Dune, EigenPhi, Crimewall. Working knowledge: Chainalysis Reactor, Elliptic, Merkle Science, TRM Labs, MetaSleuth, Bitrace

Technical: Python, TypeScript, JavaScript, Solidity, Hardhat, REST APIs, SQL, Neo4j and Cypher, graph data modeling, Docker, Git, RPC, unit testing, on-chain data modeling

AML & Financial Crime: AML/CFT typologies, know-your-transaction (KYT) and transaction monitoring, sanctions exposure screening, source-of-funds analysis, attribution of nested and laundering services, KYC/KYB, FATF Travel Rule, MiCA, exchange and VASP compliance liaison, asset freezing across jurisdictions, law-enforcement coordination

Systems & Solution Architecture: solution architecture, deterministic automation, requirements engineering, API integration, domain modeling, failure-mode analysis, composable architecture

Product, Strategy & Methodology: product strategy, product discovery, market analysis, business planning, investigation methodology design, workflow optimization, technical specifications, technical writing

Leadership & Collaboration: technical mentoring, cross-functional collaboration, stakeholder communication, client-facing consulting, investigation leadership

Languages: Italian (native), English (professional fluency)

EDUCATION

New Technologies of the Arts : Accademia di Belle Arti di Brera, Milan (2024), graduated with highest honors (110/110, cum laude equivalent)

Thesis: Systems Semiotics

Activities & leadership: co-founded an interdisciplinary research laboratory, Multimedia Design Lab associate, tutor in Semiotics and Pedagogy, art director for two academy exhibitions, chosen as student representative during an institutional crisis

Solidity and Ethereum Development : Alchemy University (2024), coursework

CERTIFICATIONS

Crystal Expert EVM Investigator (CEEI) : Crystal Intelligence (2026)

Credential ID 9eec86c4-578b-44da-959e-920f1e5c3d93

Crystal Expert UTXO Investigator (CEUI) : Crystal Intelligence (2026)

Credential ID e170be6a-a0d0-4bb9-ae11-8a28c3a21f58

Neo4j Certified Professional : Neo4j (2026)

Credential ID c3652883-799a-4390-b94d-10f5e1d03464