

> Daniel Luca

SECURITY RESEARCHER | INVESTOR | BUILDER

I am Daniel Luca (aka CleanUnicorn), based in Bucharest, Romania, a self-taught **software engineer**, **Ethereum security auditor** and **investor** working in the blockchain space **since 2017**.

With a deep passion for open-source technologies, security, blockchain and Artificial Intelligence, I bring a practitioner's mindset to every project. I prioritize trust-minimized architectures and rigorous code reviews to ensure systems hold up under real adversarial conditions, rather than relying on short-lived narratives.

This deep technical foundation eventually pulled me into **venture capital**, where I now operate at the intersection of blockchain, AI, and security. I focus on research-driven technical due diligence and deal sourcing, utilizing my background as a Blockchain Architect to support founders well beyond the initial check. Whether I am auditing code or evaluating a seed round, **my philosophy remains rooted in open-source technologies and long-term fundamentals**. I am committed to building and backing resilient, secure solutions that drive the industry forward through sound engineering practices.

CONTACT

Twitter / X

GitHub

Linkedin

SKILLS

SECURITY

Smart Contract Auditing

Vulnerability Research

Penetration Testing

Threat Modeling

Incident Response

BLOCKCHAIN

Ethereum

Solidity

Vyper

EVM Internals

DeFi Protocols

Foundry

Hardhat

LANGUAGES

Python

JavaScript

TypeScript

Node.js

Go

AI

LLM Engineering

RAG Systems

Vector Databases

Prompt Engineering

INFRASTRUCTURE

Linux

Docker

CI/CD

Git

RTMP Streaming

VENTURE CAPITAL

Technical Due Diligence

Deal Sourcing

Portfolio Support

Research-Driven Investing

EXPERIENCE

Technical Partner, Eden Block

- [Company](#) Eden Block
- [Since](#) November 2022

Technical Partner at Eden Block an early-stage venture capital firm focused on blockchain, Web3 infrastructure and Decentralized AI. Provided technical diligence and research for investment decisions, advised portfolio companies on product strategy, software architecture, and security best practices. Collaborated with founders and teams across the portfolio to address technical challenges and drive technology adoption. Helped shape Eden Block's research-driven investment approach and supported the growth of startups building the foundational layers of the decentralized internet.

Worked closely with portfolio companies such as:

- Gensyn
- Biconomy
- Fair
- Hypurfi
- Novel Labs
- Nym
- Vega Protocol

Co-Founder, FiatDAO

- [Company](#) FiatDAO
- [Since](#) November 2021
- [Deployed](#) April 2022

Co-founded and built FiatDAO, a decentralized autonomous organization (DAO) focused on DeFi tools for fixed-income assets on Ethereum. Helped design and build the platform, letting users use their fixed-income positions as collateral to access liquidity and mint stablecoins. Worked on protocol development, governance, and smart contract security, partnering with a global team to launch and improve the product.

Founder, Security Researcher, Akira Tech

- [Company](#) Akira Tech
- [Since](#) October 2020

Founded Akira Tech as a specialized security shop with a focus on comprehensive security audits, code reviews, and cyber risk assessments for blockchain and software projects. Led technical engagements with clients, identifying vulnerabilities and recommending actionable solutions to improve system security. Delivered security reports and collaborated with development teams to implement best practices for secure smart contract development.

Security Researcher, ConsenSys Diligence

- [Company](#) ConsenSys Diligence
- [Since](#) November 2018
- [Until](#) August 2020

ConsenSys Diligence does smart contract audits and Ethereum blockchain security. I am part of the team doing security audits and consulting. I also do security research and speak whenever I get the chance.

Audited:

- Uniswap - popular DEX (decentralized exchange) platform written in Vyper
- Aave - governance and token issuance
- Aragon - multiple apps reviewed
- OmiseGo - plasma implementation
- Matic/Polygon - PoS blockchain (geth fork) and migration mechanism

- Filecoin - decentralized storage network
- Shell Protocol - stable coin DeFi
- Horizon Games - ERC 721 and marketplace

Developer, Alethio

- [Company](#) ConsenSys
- [Since](#) February 2017
- [Until](#) November 2018

Alethio is a ConsenSys spoke which creates analytics for the Ethereum blockchain. I've built most of the data pipeline from that extracts the blockchain data, applied an ontology and imported into multiple databases.

Blockchain Workshops, Bucharest

- [Since](#) 2018

Developed and held a series of long format workshops which cover the basics of blockchain, Solidity, EVM, private chains setup, consensus algorithms, smart contract design and other related topics.

Cofounder / CTO, Fitpass

- [Company](#) Fitpass
- [Since](#) May 2016
- [Until](#) December 2017

Fitpass is platform for fitness studios and classes based in Bucharest, Romania. Cofounded and built the product, backend and frontend.

Cofounder / CTO, Lendia

- [Company](#) Lendia
- [Since](#) February 2015
- [Until](#) December 2016

Lendia was a company aggregating lending offers from multiple banks. Cofounded and built the product.

Owner, ElasticOrange

- [Company](#) ElasticOrange
- [Since](#) October 2014
- [Until](#) January 2017

ElasticOrange was a software company that developed products for international clients.

Developer, Filebox

- [Company](#) Synco Telecom
- [Since](#) May 2008
- [Until](#) September 2010

Filebox was one of the biggest file sharing websites in Romania having 100k uniques per day. We designed the complete software stack, as well as maintained the hardware powering all of it.

TALKS & PRESENTATIONS

- 2025 ETHCluj - Beyond "Trust me, bro" Engineering LLM reliability
- 2025 Cypherpunk Congress #1 - The Privacy paradox in AI
- 2024 NFTBucharest - Decyphering the Bitcoin Ordinals Giant Mess
- 2024 ETHBucharest - Doppelganger Networks
- 2023 ETHPrague - Elevating Developer Experience(DX) in Web3
- 2023 EthCC - Elevating Developer Experience(DX) in Web3
- 2022 Onchain games for devs
- 2020 EthCC - The Ether Wars: Exploits, counter-exploits and honeypots on Ethereum part 2
- 2019 DefCon 27 - The Ether Wars: Exploits, counter-exploits and honeypots on Ethereum
- BlockchainHackers IV - Mastering Ethereum CTFs
- The Bitcoin Podcast: #283 Daniel Luca - ConsenSys Diligence
- Security Espresso Meetup 0x13 - Ethereum the Hacker's Paradise

PODCASTS

- 2025 Decentralized AI: The Next Shift - Daniel Luca
- 2025 The Code Is Law Movie, The DAO and Indexed Finance Heists, Crypto Culture
- 2024 How VCs invests in crypto

PROJECTS

AtlasPA — AI powered personal assistant for private use.

drove — llama.cpp server manager, chat interface, observability proxy and model manager.

Rag-brain — Portable private AI memory built as a vector database and MCP server, easily pluggable into chatbots.

Quill — Command-line tool for transcribing audio files, YouTube videos, and podcasts using Faster Whisper.

KarL — Monitors smart contracts deployed on the Ethereum network and tests against vulnerabilities with Mythril. Reduces false positives by forking the blockchain and testing the exploit.

RL-Swarm Smart Contracts — This repository contains the smart contracts for the [Reinforcement Learning Swarm](#) for Gensyn's first public launch with a project which lets anyone, anywhere, join and participate in a distributed reinforcement learning system that learns faster together than alone.

Multistream — A Node.js RTMP server that receives streams from OBS and restreams them to multiple platforms simultaneously like Twitch, YouTube, Kick. Has features to automatically record and transcribe, identifies clippable moments and helps generate short clips.

Ethereum Smart Contract Template — This development quick start template is heavily inspired by [Georgios's template](#). Over time it was migrated to use [foundry](#) since dapptools was deprecated.

Hitomi — Yet another Ethereum web3 console for any node.

Santoku — It decodes ABI encoded hex strings into the original types. Try it [here](#).

Mythos — Mythos is a CLI client for the [MythX](#) API.

Flaterra — Flaterra parses the provided Solidity source file and adds any other `imported` files. This is useful if you want to upload your source code to a block explorer for verification, use it with [Remix](#) or to run analysis on it, for example with [MythX](#) or [Mythril](#).

Midas — A [Discord](#) bot that acts as an Ethereum wallet and facilitates sending Ether between users.

abi2signature — Generates the Ethereum ABI 4 byte signature.

ranploy — Generates the EVM code to deploy the specified runtime bytecode.

artifaqt — Social token collectible IRL game part of the [DevCon4](#) Ethereum conference.