

David “Deivitto” Chaparro

Blockchain Security Researcher & Auditor

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Summary

Blockchain Security Researcher & Auditor specialising in DeFi, EVM, and L2 ecosystems. **20+ managed security reviews** at Spearbit, ReconFuzz and Cantina, helping secure **\$16B+ TVL**; **25+ contests** across Code4rena, Sherlock, Codehawks, and Cantina with 35+ confirmed findings. Strong in manual review, invariant fuzzing, and formal verification, with additional experience in tooling, automation, and audit workflow design. OSS contributor and co-editor of the Secureum Book, with talks & coordination at TrustX, Paris Logos, and DeFi Security Summit.

Core Skills

Audit Skills Manual Review · Threat Modeling · Invariant Fuzzing · Formal Verification · Static Analysis
EVM & DeFi Solidity/Yul · EIPs · Proxy patterns · Reentrancy · Oracles · L2s · Uniswap · Lending · Bribes & Governance
Testing ReconFuzz · Medusa · Foundry · Echidna · Halmos · Certora Prover · Property & invariant testing
Tooling Auditor Docker · AI Workflows · TypeScript · Glider · Slither · Docker · CI/CD pipelines
Systems Solana/SPL · Sui · Canton (DAML) · ZK circuits (Circom)
Programming Solidity · Rust · Go · TypeScript · Python · C++ · Yul · DAML

Professional Experience

2025–2026 **Security Researcher & Auditor**, *ReconFuzz*, Remote

- Conducted invariant fuzzing engagements & manual review for top DeFi protocols such as AAVE. Used cloud fuzzing infrastructure and distributed job orchestration for faster fuzzing output via AI-workflows & Terraform.
- Contributed to the ReconFuzz VSCode extension for fuzzing workflows, property generation, and CI/CD hooks; improved UX/UI reducing setup friction for researchers.
- Discovered and responsibly disclosed an RCE vulnerability in the extension during internal review; fix merged before public exposure.
- Built AI-assisted flows for invariant generation, property suggestion, coverage, finding classification & other utilities.

2022–2025 **Security Researcher & Auditor**, *Spearbit & Cantina*, Remote

- Participated in **20+ managed reviews** with more than **\$16B+ TVL helped secure**: Uniswap V4 (Core, Universal Router, Periphery), Euler (EVC/EVK/Oracle), Axiom V2, DELV, OpenSea Pro, Sudoswap V2, Sphinx, Glow Labs, Redacted Cartel, and others.
- Delivered PoCs, gas optimisations, fix reviews, and audit tooling/scripts across highly technical DeFi systems.
- Developed AI-assisted workflows for Cantina covering triage, finding classification, and report generation.

2023–2025 **Judge & Triager**, *Cantina Competitions*, Global

- Judge in Cantina competitions including **Superform, Blast, Uniswap V4, Axie Infinity, and Berachain**.

- 2022–Now **Competitive Auditor**, *Code4rena · Sherlock · Codehawks · Cantina*
 - 25+ contests with 35+ confirmed High/Medium findings across competitions, places from 3rd to 10th.
- 2022–Now **Bug Hunter**, *HackenProof · Immunefi*, Remote
 - Valid critical vulnerabilities reports across web2 and smart contract targets, including a private unbounded token manipulation disclosure.
- 2019–2022 **Development & Computer Engineering (Web2)**, *Electriduct · Evvant · Shop2Front*, Spain & USA
Full-stack / cross-platform apps, backend systems, databases, AWS, Docker, Kubernetes, and CI/CD.

Open Source & Community

- Secureum Book Co-editor; maintains Solidity security, formal verification, and property testing chapters.
- auditor-docker Creator of <https://github.com/Deivitto/auditor-docker> (reproducible audit environment, 139 stars).
- Research *The CPIMP Backdoor & USPD Incident, The Auditor Toolbox, How to play as a JSR at Spearbit.*
- Talks TrustX Istanbul (*Auditor Docker*); Paris Logos (*Guardians of the Blockchain*); Miami Activate x Wormhole (Secureum workshop); OpenSense; DeFi Security Summit Thailand.

Hackathons

- Community & Awards **8+ awards** including ZK Hack Lisbon, ETHPorto (3rd), ETHBogotá, ETHIstanbul, Activate Miami, Arbitrum Hackathon, ETHLisbon, and SozuHaus
- Judge **Block Change Hackathon** powered by **Telefónica**.

Education

- University **Computer Engineering** · University of Alicante · ARA Honours Track – Systems & Information Technology
- Secureum Secureum top racer from *epoch 0* to *epoch ∞*.
- Extras Atrium Academy – Uniswap V4 Hooks Incubator · ZKDao – Circom ZK circuits · CaptureTheEther / Ethernaut / Paradigm CTF study

Languages

- Spanish Native
- Catalan Native
- English Fluent (C1)

Extras

- Interests Technical writing, developer tooling, OPSEC, DeFi design, governance systems, travel, and community building.