

Calum Macdonald

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Investor & AI Agent Builder

Crypto-native researcher and builder with 8+ years across DeFi, liquid markets, and protocol operations. I build AI systems that do real investment work — multi-agent memo pipelines, signal classifiers, live market dashboards — and use them to form and defend investment views. Background spans liquid fund research, protocol-side token launch, and institutional OTC trading.

Liquid Fund Analyst — The Spartan Group *April 2026 - May 2026*

- Produced original protocol research including an on-chain forensics investigation into Virtuals Protocol's ACP revenue layer, identifying a 6x gap between reported and verifiable throughput.
- Built a multi-agent memo pipeline: CoinGecko/DeFiLlama ingestion → Claude for thesis synthesis and drafting → GPT for adversarial critique, bear-case generation, and IC scoring.
- Built a Claude-powered Telegram signal classifier returning structured JSON (macro, narrative shift, flow, catalyst, risk, noise) — pre-filtering heuristics cut API costs 70%.
- Built calummac.xyz: five live market systems (momentum engine, market structure monitor, factor long/short, options intelligence, AI-generated risk memo) pulling from Bybit, Binance, Deribit, and CoinGecko.

Growth Lead — Intuition Systems *August 2024 - March 2026*

- Key contributor to the \$TRUST token launch: day-one listings on Binance, Coinbase, Kraken, Upbit, and KuCoin; 9-figure FDV debut — direct exposure to token design, launch mechanics, and developer ecosystem dynamics.
- Built the Intuition Bounty Board — a decentralised data bounty marketplace on the Intuition Protocol (TypeScript); developed on-chain automation scripts using the SDK for batch cross-chain deployments.
- Built Python/TypeScript pipelines for Reddit, X, GitHub, and on-chain data; supported campaigns driving 17.5M transactions from 900K+ accounts and 5.1M+ on-chain attestations.

Trader — Damex *August 2021 - August 2024*

- Executed billions in spot OTC trades for institutional and HNW clients via B2C2, Galaxy Digital, and Enigma, settling through Fireblocks.
- Ran a discretionary directional altcoin book — trade ideas driven by on-chain data, market structure, and macro crypto flows across a full market cycle.

Intern — Citadel / Citadel Securities *(April 2020)*

Education — University of Edinburgh, Chemical Engineering

Skills & Tools

Python, TypeScript, SQL, Claude API, multi-agent architecture, Next.js, Dune Analytics, DeFiLlama, Token Terminal, on-chain data, token economics, protocol research, smart contract analysis