LONGTAIL FINANCIAL

Longtail Financial (**LTF**) is a decentralized research firm that is investigating the intersection of blockchain technologies in finance. With a focus is in machine learning, token engineering, and decentralized coordination.

Our founder, **Shawn Anderson**, has an advantage with his curiosity and extensive background in the field of Artificial Intelligence (A.I.). This combination of talent has given him the opportunity to apply cutting edge techniques to real world problems in business and government, while helping in the research field.

3 LEVELS OF BLOCKCHAIN SERVICES

DATA COLLECTION & ANALYSIS SERVICES
Extend The Customer Ai Capacity By Contributing Top Data Scientists To The Mission
Generalized Token Engineering Dashboard Tools To Assist In Strategic Decisions
Provide Meaning To The Simulation

RESEARCH & SIMULATIONS SERVICES
Token Model Generation Processes
Simulating Crypto Economic Systems
Agent-based Modeling Using A Monte Carlo Framework
Visualizing Interactive Token Models

TOKENOMICS DESIGN SERVICES
Ecosystem & Mechanism Design Services
Strategic Advisory On Platform Development And Market Presence
NFT Token Implementation
Token Configuration And Optimization

EXAMPLES OF BUSINESS SERVICES

1. LTF compiled a project that optimized a protocol's reward mechanism by delivering an interactive dashboard that displayed the parameter space and token distribution.
2. Utilizing LTF's advanced A.I. workflows and interactive dashboarding technology, our results helped the customer determine the best options to understand and implement the ecosystem in the most optimal manner.
3. Forking Uniswap code base on Polygon Layer 2 network, with a custom interactive dashboard in order to build a branded DEX for a customer.
4. Provide NFT and EIP technical expertise to help drive development decisions in the deployment of end-user-interactivity for an NFT project.

A.I. BASED CAPABILITIES

LTF research team has developed machine learning techniques that systematically control configuration spaces, constrain risk, and drive ecological capital.

Our Research Is Driven By A Big Data Thesis That Can Be Broken Down Into **5** Key Concepts:

1. Digital markets are an ideal environment for AI agents to learn and act
2. Novel strategies come from the infusion of multiple data sources
3. Big data infrastructure allows for rapid and parallel model iteration
4. Open source innovation is rapidly outpacing proprietary technology
5. A decentralized ecosystem enables financial environments to come to live

Our algorithms are market agnostic, highly scalable, and computationally efficient. Additional assets, markets, and data sets can be easily integrated. A selection of optimization metrics exist such as maximum return, sharpe ratio, or minimum drawdown.

COMMUNITY BASED

Not only optimize our algorithms, but also our lives, workflows, business strategies, personal health, relationships, community, ultimately aligning with the UN's 17 sustainable development goals.

Balance, openness, and humility is essential to our vision.