Filipe Soares
Quantitative Researcher and Alpha Engineer – Systematic Trading Strategies –
Python, AI and Institutional Quant Infrastructure
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Professional Profile

Quantitative Researcher and Alpha Engineer with over 6 years of full-time experience designing, researching, and engineering systematic trading strategies and institutional-grade quantitative infrastructure. Strong background in signal research, feature engineering, statistical validation, and end-to-end algorithmic trading systems. Specialized in Python-based quantitative research, with disciplined and statistically justified use of machine learning and AI techniques. Focused on robustness, reproducibility, risk control, and scalable real-world execution.

Core Expertise

• Quantitative Research and Alpha Engineering
• Systematic Trading Strategies
• End-to-End Algorithmic Trading Systems
• Python for Quantitative Finance
• Machine Learning and AI (Statistically Justified)
• Institutional-Grade Backtesting and Validation
• Execution Infrastructure and Risk Control

Professional Experience

Founder and Lead Quantitative Researcher – Titans Invest
Lead the research and engineering of systematic trading strategies and quantitative infrastructure designed for professional and institutional environments. Responsible for alpha research, strategy validation, data pipelines, signal engines, and automated execution frameworks, with a strong emphasis on methodological clarity, reproducibility, and risk management.

Quantitative Developer and Trader (Independent)
Developed and deployed algorithmic trading strategies across crypto and derivatives markets, building robust research pipelines, backtesting frameworks, and fully automated execution systems integrated with professional brokers and exchanges.

Technical Skills

• Languages: Python, Pine Script
• Quantitative Methods: Alpha research, factor models, statistical modeling, price action
• Machine Learning: Feature engineering, supervised learning, optimization, validation
• Backtesting and Validation: Walk-Forward, Out-of-Sample, Monte Carlo analysis
• Platforms and Execution: QuantConnect, Interactive Brokers, MetaTrader 5, NinjaTrader, TradeStation, Freqtrade

• Markets: Crypto, Futures, Forex, Options, Derivatives