Viacheslav Sviridov, PhD

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PROFILE

Innovative Quantitative Researcher specializing in cryptocurrency markets, algorithmic trading, and machine learning with 13+ years of multidisciplinary experience spanning quant finance, R&D; leadership, and academic research. Proven track record in designing profitable systematic strategies, leading quant teams, and building high-performance trading infrastructure. Experienced in both DeFi and CeFi markets, bridging on-chain innovation with centralized exchange execution.

CORE COMPETENCIES

Quantitative Finance: Statistical arbitrage, delta-neutral strategies, market making, portfolio optimization, momentum and oscillation strategies
Crypto Trading: On-chain market analysis, DeFi & CeFi liquidity provisioning, execution algorithms
Machine Learning: Reinforcement learning, predictive modeling, NLP for market sentiment
Programming: Python, MATLAB, Hummingbot, PyTorch, scikit-learn
Leadership: R&D; management, cross-functional team building, product strategy
Languages: Russian (native), English (C2), German (C2)

PROFESSIONAL EXPERIENCE

Head of Quant – Overnight Finance (Apr 2025 – Jul 2025)
- Directed R&D; for on-chain market-making strategies leveraging ML models
- Designed, tested, and deployed delta-neutral trading systems across multiple crypto exchanges
- Led a quant research team, overseeing live monitoring and optimization of production algorithms

Independent Quant Trader (Aug 2023 – May 2024; Dec 2024 – Present)
- Built and optimized systematic cryptocurrency strategies using proprietary ML frameworks
- Managed portfolios with dynamic risk allocation and market regime adaptation
- Increased profitability by refining execution models in response to liquidity and volatility shifts

Head of R&D; – Gotbit Hedge Fund (May 2024 – Nov 2024)
- Developed low-risk trading algorithms for digital assets
- Created internal on-chain analytics platform to enhance market transparency
- Built AI chatbot integrating internal knowledge base for faster research workflows

Development Team Lead – 1ex (Feb 2022 – Jul 2023)
- Led two development teams building AI-driven trading tools (NLP for news analysis, RL for market making)
- Designed and executed full product lifecycle, from research to deployment

Academic & Early Career – KAUST, Freie Universität Berlin (May 2012 – Oct 2020)
- Published peer-reviewed research; developed global data models for resource analysis
- Extensive statistical modeling, signal processing, and data visualization experience

EDUCATION

Doctor of Sciences (Geophysics, Rock-physics) – Freie Universität Berlin, Germany
Master's in Physics (Geophysics) – NUST MISIS, Russia

SELECTED PROJECTS

Market-Making Engine: Automated on-chain market-making strategy with adaptive spread control
Reinforcement Learning for Execution: Agent-based trade execution model optimizing slippage vs. speed
DeFi Liquidity Risk Model: Predictive framework for impermanent loss and liquidity drain events

AWARDS & HONORS

Michael L. Batzle Scholarship – SEG/BP
SEG/WesternGeco Scholarship
2nd Place – EAGE Annual Meeting Geo-Quiz

PUBLICATIONS & CONFERENCES

Authored/co-authored 10+ peer-reviewed papers in quantitative modeling and geophysics. Speaker at international academic and finance conferences.