

OneChronos – Business Development - Quantitative Researcher

Location: New York City

OneChronos is a technology company of diverse thinkers innovating at the intersection of capital markets, mechanism design, and operations research, working to grow global GDP by designing and operating matching markets leveraging advances in auction theory and artificial intelligence.

Overview and Job Description

You'll play a critical role in growing OneChronos revenues by:

- Optimizing the value and performance delivered by our products through data-driven insights
- Designing and testing enhancements to improve product capabilities and attract new trading strategies
- Building frameworks for experimentation, backtesting, and simulation
- Providing technical consultation to customers, helping them integrate and optimize their trading activity
- Collaborating on research publications and sharing insights on performance trends in the broader trading landscape

You'll work directly with Business Development and Engineering to further scale and evolve the OneChronos product offering. This is a unique opportunity to join a rapidly growing and nimble venture-backed start-up company.

Skills and Qualifications

- Advanced degree in a quantitative discipline (Math, Physics, Engineering, Computational Finance, or similar)
- Experience in quantitative research, strategy development, or execution solutions at a financial institution
- Proven ability to work with large datasets and build scalable analytical or backtesting tools
- Excellent grasp of market microstructure, portfolio optimization, algorithmic trading concepts
- Strong programming skills in Python, Kdb or SQL; experience with additional languages (e.g., Rust, OCaml) a plus
- Familiarity with optimization techniques, decision science, and machine learning applications
- Excellent communicator with strong collaboration skills; able to simplify complex concepts for diverse audiences

Benefits at OneChronos include

- Competitive compensation (salary, potential bonus, potential equity)
- Medical, dental, and vision insurance for employees and dependents
- Subsidized fitness programming, health & wellness program, pre-tax transportation program
- Competitive vacation policy, Life insurance, 401(k) plan
- Daily opportunities to be challenged, learn and grow
- Opportunity to work with a diverse group of people who care about each other's progress as much as that of the business success

Compensation: The total compensation for this role includes a base salary, with a target range of \$175,000 to \$250,000, and the opportunity to earn a discretionary bonus. Actual compensation may vary based on experience and qualifications.

Equity: A significant portion of the compensation package includes a competitive new-hire equity grant, designed to offer substantial long-term upside and strong alignment with company growth.

Equal Opportunity: OneChronos is committed to providing equal employment opportunities to all employees and applicants, regardless of academic background, race, color, religion, creed, age, national origin or ancestry, ethnicity, sex, sexual orientation, gender identity or expression, disability, military or veteran status, or any other category protected by federal, state, or local law. As an equal opportunity employer, we believe diversity is a significant strength and welcome the differences and benefits that a diverse culture brings.

About OneChronos:

OneChronos represents a paradigm shift in the realm of trading platforms. As a Smart Market, it leverages mathematical optimization to match counterparties efficiently, thereby surpassing conventional markets in key metrics such as price improvement, liquidity, trade size, and fairness.

Unlike traditional platforms that may struggle to align with traders' evolving execution needs, OneChronos is meticulously crafted from the ground up. Its design is aimed at bridging the expanding disparity between the order matching mechanisms of trading venues and the execution requirements of modern traders.

OneChronos currently operates a US equities trading venue (as an Alternative Trading System). Subject to regulatory approvals, OneChronos intends to operate MTF platforms in both the UK and the Netherlands for pan-European equities trading. OneChronos is also looking to leverage the success and mechanism design in US equities to enter Spot FX, offering a level playing field for quality based competition in an all-to-all format.