



OneChronos – Systems Engineer (Europe)

Overview and Job Description

OneChronos is seeking a software engineer to design and optimize high-performance trading systems that power our periodic auction matching infrastructure. This is a systems programming role focused on low-latency, high-throughput distributed computing, with exposure to infrastructure and DevOps. The ideal candidate has experience building real-time, performance-sensitive systems and thrives in a collaborative, research-driven environment at the intersection of mechanism design and financial markets.

As a software engineer at OneChronos, your work will span order and data workflow, periodic auction execution, system reliability, and performance optimization, ensuring the platform is efficient, fault-tolerant, and capable of handling complex trade matching at scale.

About (www.OneChronos.com)

OneChronos is a technology company of diverse thinkers innovating at the intersection of capital markets, mechanism design, and operations research, working to grow the global GDP by designing and operating matching markets leveraging advances in auction theory and artificial intelligence. Our software and systems are developed in house and match billions of dollars per day of security transactions.

Skills and Qualifications

- 3+ years of professional software engineering experience
- Passion for the craft of writing high-quality code meant to be read and easily understood by a growing team
- Proficiency in a systems-level programming language (e.g., Rust, C++, Java), with Rust being a plus
- A polyglot mindset
- Highly detail-oriented, with a focus on ensuring correctness, consistency, and reliability
- Passionate about low-latency, high-performance computing, and memory management

- Comfort working with large-scale data pipelines and event-driven architectures
- Ability to write clean, well-tested code and collaborate in a highly technical team
- Hands-on experience with production systems and an understanding of operational challenges
- Experience with CI/CD pipelines, automated testing, and deployment best practices

Benefits at OneChronos include

- Competitive compensation package (salary, potential bonus, potential ownership interest)
- Hybrid and remote work flexibility
- Comprehensive private medical insurance
- Subsidised health & wellness contribution
- Competitive vacation policy
- Defined-contribution (DC) workplace pension scheme
- Significant daily opportunities to be challenged, learn and grow
- Opportunity to work within a diverse team that values the success of others to be critical to the overall success of the business

OneChronos is committed to equal employment opportunities to all employees and applications regardless of academic area of study, 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.