Low Latency C++ Engineer

Qube Research & Technologies (QRT) is a global quantitative and systematic investment manager, operating in all liquid asset classes across the world. We are a technology and data driven group implementing a scientific approach to investing. Combining data, research, technology and trading expertise has shaped QRT's collaborative mindset which enables us to solve the most complex challenges. QRT's culture of innovation continuously drives our ambition to deliver high quality returns for our investors.

We Offer

- Placing you as a key member of the development team building and enhancing key low latency components for QRT
- A role with the potential to touch many aspects of electronic and algorithmic trading, including the exchange price feeds, core trading systems, back testing engine, trading engine, tick data management, exchange simulators and trading gateways
- Work closely with a range of investment management professionals including quantitative analysts/developers, traders and operations staff, in order to design and develop cutting edge systems to keep QRT business at the forefront of its field

You Offer

- Experience on low latency Linux development using C++/C, STL
- Experience designing and implementing multithreaded and distributed systems
- Proficient with Linux / GCC development toolchain and Linux Red Hat essential
- Experience working within a mature continuous development process highly desirable
- Knowledge of market data feed handlers and execution gateways desirable
- 3+ years of experience of front-office trading desk-aligned role is desirable
- Basic knowledge of scripting languages like Python, Bash advantageous
- Team player essential

Technology

Our tech platform is essential to what we do. Automation and industrialized processes are at the center of our tech culture. Over the years QRT has invested in a global research and execution platform which has been deployed to cover all geographies and asset classes. It ranges from high turnover scalable execution expertise to multi-year simulation research platforms.

We operate in multiple languages from C++ to Python and embrace open source software.

We encourage exploration of emerging and disruptive technologies to drive new opportunities.

Data

Data are at the source of everything we do. Our data platform provides capacity to onboard and analyze structured and unstructured data from tick to tick to multi-year horizons.

We have a constant appetite for any data which may contribute to improve our prediction models and generate alpha.

Evaluating new data sources, dealing with emerging data technology and processing immense datasets is continuously driving QRT's innovation dynamic.

Research

We believe collective work and idea sharing leads to contagious creativity and are at the source of the most successful strategies.

Our research teams blend multiple areas of expertise and are comprised of engineers, computer experts, physicists, mathematicians, data scientists and fundamental analysts.

QRT research is designed to stimulate intellectual curiosity, cross learning and complex problem solving.

Our collaborative environment aims to provide a fertile ground for experimental research, fostering disruption and exploring new territories.

Trading

QRT strategies are designed to be deployed globally in order to achieve portfolio diversification and deliver high quality returns.

We value the importance of rigorous, methodical, systematic implementation across all geographies and asset classes.

QRT's trading discipline has been developed within a highly controlled risk management framework inherited from our market-making culture.

We believe in global and continuous market coverage to maximize alpha extraction.