



Core Engineer

Jump Trading is a globally-positioned, proprietary trading firm that remains on the cutting edge of algorithmic trading. We are a privately funded company and do not rely on outside investors or private equity. With offices in Chicago, London and Singapore, we trade across all major asset classes in the Americas, Europe and Asia. Because of our on-going commitment to technology and human capital we have become an industry leader, quietly setting the standard for sophisticated trading strategies.

Our managing partners are passionate about supporting the exploration of new strategies and concepts throughout the company. They not only encourage new ideas, they expect them. We are more than 300 people with an incredibly diverse set of backgrounds, but collectively we share in our commitment to innovation and Jump's continued success which has recently expanded operations in the UK and Singapore.

At Jump, potential candidates will find a group of people committed to intellectual rigor, strong teamwork, and the pursuit of great discoveries. We recognize that to remain successful, it is imperative that we continue to hire and retain exceptional talent. We offer exceptional compensation and benefits packages.

This individual will be part of a core development group that is responsible for developing and maintaining Jump's high performance algorithmic trading platform. This hands-on role will work on high performance exchange connectivity and the infrastructure required to make that happen.

Responsibilities include:

- Migrate existing exchange connectivity to new performance-optimized platform
- Design and develop connectivity to new exchanges
- Benchmark and tune critical software services to achieve optimum performance and latency levels
- Interact directly with the traders and quantitative developers to capture business requirements and to help resolve technical problems.
- Collaborate with R&D team to research new and innovative technologies and be responsible for integrating these technologies into our production environment

Experience and Skills:

- Exceptional C++ programming skills in a Linux environment
- Experience designing multi-threaded applications
- Strong understanding of exchange protocols
- Experiences with middleware
- Strong analytical and problem solving skills
- Expert level knowledge of networks and operating systems
- Excellent communication skills
- Confident team player motivated by a fast paced environment
- Bachelor's degree in Computer Science or Computer Engineering, or its equivalent