

Core Technology

You will be working in a small, close-knit team to solve complex and challenging problems related to our performance, latency and optimization. You'll collaborate heavily with the different trading teams within our business to gain an in-depth understanding of their work and discover ways to improve the efficiency of their strategies as well as optimizing our trading platform utilizing low level technology and network programming (including FPGAs and Microwave technology). Our business is steadily expanding in size, asset classes and new territories (specifically, we've recently opened a London office and building out to the Japanese cash markets). One of the core components of this role will be to continuously develop our high performance infrastructure and assist in our growth into these new markets and geographical locations.

We invest heavily in our technology and infrastructure, and our flat collaborative and collegiate structure encourages an environment where our developers can bring their ideas / recommendations straight to senior level partners and firm founders. A well-rounded, hands-on developer who is passionate about technology will be able to make visible contributions to the team, platform and company.

The ideal candidate will have:

- Expert C/C++ object-oriented low level programming skills, hacker mentality
- Experience designing, architecting, coding, and optimizing low level real time systems.
- Experience with Kernel bypassing, GPU, CUDA advantageous
- Socket, TCP/IP, UDP, Multicast experience
- Clear and confident communication skills (verbal and written)
- CS or EE educational background with a hacker mentality and personality preferred
- Knowledge of Python or Perl and shell scripts (a plus)
- Strong working knowledge of Linux
- Problem solving tinkering personality