

Quantitative Strategist

Tradeworx is looking for an exceptionally talented quantitative strategist to collaborate with an elite team of quants on producing and refining high frequency trading signals. Although our high frequency trading businesses are less than 3 years old (Tradeworx itself has been around for 11 years) they are already world-renowned and often featured in the international media.

In addition to trading, we are passionately dedicated to developing world-class, cutting edge technology and employ one of the fastest trading platforms in existence. The company is based in Red Bank, NJ, a vibrant Jersey Shore cultural epicenter about 1 hour from NYC, and employs less than 30 people. This is by design—we look for candidates who thrive in a deeply entrepreneurial culture that combines the creative freedom of a career in academia with the focus and financial promise of succeeding in the hyper-competitive arena of high frequency trading. While we value working hard, we emphasize working smart. Many of our associates have families, and we believe that a work/life balance leads to greater creativity and effective output.

Our requirements are the following:

- Highly qualified PhD graduates, post docs, and faculty from top programs in Math, Physics, CS, EE, Economics and Finance with demonstrated expertise in statistical techniques including pattern recognition and machine learning.
- Working knowledge of forecasting and data mining techniques, including linear and non-linear regression analysis, neural networks, support vector machines, and hidden markov models.
- Proficient in Unix, Linux, and/or BSD programming, including C/C++/STL and, ideally, two of the following languages: Python, bash, Awk, TCL/Tk, Perl.
- Interpersonal skills and ability to communicate effectively are essential
- Experience in the financial industry is NOT a requirement and we welcome candidates who have had no exposure to finance whatsoever

This is an excellent opportunity for anyone looking to begin a career in trading and gain exposure to quantitative and high frequency investment strategies. We offer the following:

- Excellent compensation, with tremendous long-term earnings potential.
- Ability to learn about the cutting edge of alternative investment strategies, including participation in seminars, and sponsorship for industry certifications.
- Ability to interact with highly talented and experienced professionals in a casual yet academic environment.
- Ability to join a rapidly growing firm and have an outsized impact.
- Ample cultural and recreational activities, with nearby access to New York City, Philadelphia, and the Jersey Shore.

Please submit resumes to recruiting@tradeworx.com

For more information about Tradeworx, visit www.tradeworx.com