First Empire Securities
Job Description

Job Title: Quantitative Prop Trader
Department: First Empire Securities
Reports To: VP, Equity Trading
FLSA Status: Full-Time, Exempt
Prepared Date: January 19, 2012

SUMMARY
Responsible for development and implementation of automated trading strategies for the firm's proprietary trading account. Actively stay abreast of market research and analysis and identify profitable opportunities through back-testing and optimization.

ESSENTIAL DUTIES AND RESPONSIBILITIES include **but are not limited to** the following: (Other duties may be assigned)

- Develop, implement and back-test strategy ideas for automated trading
- Responsible for maintaining a profitable P & L trading account.
- Maintain in-depth knowledge of financial markets and stay abreast of trends.
- Identify and quickly respond to changes in market conditions as it affects positions and P&L trading. Communicate with supervisor as necessary.
- Effective use of tools such as Bloomberg for analytics, research and communication.
- Monitor all systems and communicate incorrect information and/or functionality of technology to supervisor in a prompt manner.

QUALIFICATIONS: To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skills, and/or abilities required.

KNOWLEDGE, SKILLS AND ABILITIES REQUIRED:

- Knowledge of and expertise in Time Series Analysis, Statistical Arbitrage, Algorithmic Trading, Optimization, Asset Allocation, Financial Markets, and Macroeconomics.
- Ability to read and interpret documents such as financial market indices, rates, articles, contracts, instructions and reports.
- Strong verbal and written communication skills. Superb negotiation skills.
- Aptitude to recognize system issues with regards to automated trading strategies and resolve efficiently and effectively
- Understanding of risk management

COMPUTER SKILLS:

- Proficient in MS Office products with a focus on Outlook and Excel.
- Familiarity with programming (C#, Matlab, Excel VBA, and R).
- Skilled in Bloomberg and familiarity with equity, option and fixed income trading applications.

EDUCATION and/or EXPERIENCE:

- A Bachelor’s Degree in Finance or Economics is required. Master’s Degree in Financial Engineering, Financial Mathematics, Quantitative Finance, Computational Finance or Financial Economics (other quantitative backgrounds will be considered) is preferred.
- Series 7 and 55 licensing required. Series 63 and 4 preferred. Trading experience with back-tested profitable strategies preferred.