POSITION DESCRIPTION

Function: Internship
Company: Quantitative Management Associates, LLC
Location: San Francisco, California

THE COMPANY

QMA, a wholly owned subsidiary of Prudential Financial, has been in existence in various forms for almost twenty years. Its current structure was created when The Quantitative Management Group, a unit of Prudential Investment Management, was spun off into a limited liability company in July 2004.

QMA is staffed with approximately forty-five investment professionals, and the firm’s $118.2 billion asset base has grown significantly since the spin-off. Currently, the firm’s product line is composed of five primary strategies, Quantitative Core Equity, Value Equity, Equity Indexing, Asset Allocation, and Structured Equity.

The success of QMA is a function of a number of factors, including the firm’s leading-edge quantitative research capabilities. To assist in the continued growth of the business, management is investing in key functions throughout the firm, including quantitative research. Accordingly, we are interested in hiring a Quantitative Research Analyst to function as a general resource for the firm’s Asset Allocation team.

THE POSITION

QMA is a leader in scientifically-based, process-driven active investing. The firm’s research process begins with economically sounds hypotheses, which is then tested with empirical data. All validated insights are included into a process that broadly and systematically applies those insights. QMA believes in a team approach to investing, with technology and research working closely with investment professionals to together maximize investment performance.

This internship project will focus on building an infrastructure for trading Longview, holdings, and compliance, just to name a few while building infrastructures to interface with existing systems. This role partners with the investment team to develop support tools for quantitative research, model implementations and reporting. This position brings “solutions to the table” in an interactive process to support the direction of the investment business.
Qualifications

- 2-3 years of experience in developing infrastructure frameworks in the investment field or related
- Must be a power user of MatLab with strong programming and database skills in JavaFX, Swing, C# and VB
- Experience working with large sets of data and econometric analysis.
- Knowledge of macro-economic research and modeling, portfolio construction and risk management. Good understanding of the relevant theoretical and empirical research, forecasting methodologies and portfolio construction techniques.
- Familiarity with a wide variety of asset classes is desirable, including equity index derivatives, preferred stocks, foreign exchange convertible bonds as well as more traditional asset classes like global equity, fixed income and real estate.
- Ability to integrate advanced academic research with applied industry practices in delivering superior risk adjusted investment performances.
- Knowledge of financial and macroeconomic databases like Compustat, Worldscope, IBES, FactSet, DataStream etc.
- Excellent interpersonal skills, a strong teamwork orientation and a commitment to intellectual integrity