This is a full time job for a fresh PhD to perform validations in the market space. No experience is required and will assist with visa. If interested, go to Wells job site and apply with job code.

Job Title Quantitative Associate

Job ID   5339968

Job Description

As one of the country's oldest and most stable companies, we're always looking for intelligent, ethical, and determined individuals to join the Wells Fargo family. Whatever your professional ambitions and desires may be, we hope you'll consider fulfilling them with us.

Wells Fargo & Company is a nationwide, diversified, community-based financial services company founded in 1852 and headquartered in San Francisco. Wells Fargo provides banking, insurance, investments, mortgage and consumer finance through our various branches, ATMs, and the internet (**wellsfargo.com**) and has offices in more than 36 countries to support the bank's customers who conduct business in the global economy.

Joining our team will allow you to work in a fun, diverse environment where you'll have the ability to move around the company as you use your problem-solving, organizational, and communications skills to build your career.

The Corporate Model Risk (CMoR) group is responsible for independently overseeing the management of model risk exposure and the quality of model risk management practices across the company. The team is responsible for providing effective challenge to models developed in the lines of business. We identify conceptual weaknesses in a model, contribute to the improvement of model building practices and strive to reduce model risk so as to meet or exceed regulatory and industry standards.

As a Quantitative Associate, you will work as a full time team member and gain comprehensive professional and industry experience. Associates may be responsible for developing, implementing, calibrating or validating models, for educating business leaders in the strengths and weaknesses of models, and for providing risk leaders with an analysis to successfully use the models to manage their risk. Associates will also have the opportunity to interact with Wells Fargo senior leaders and learn about various risk management areas including in depth strategy development, validation and performance analysis.

Responsibilities will include, but not be limited to the following:

Perform core mathematical model development or validation under direction of a more experienced team member.

Contribute code to one or more analytics libraries.

Daily contact with leaders at all levels of the organization including senior management, team members, individual contributors and vendors.

Provide customer service to all areas of management and trading.

Perform historical and/or analytical research in response to requests or assignments.

Understand processes and work flows to make recommendations for process improvements. Bring closure to issues, questions and requests. Solve problems independently.

Understand business needs and provide possible solutions by explaining in a clear verbal and/or written communication to traders and/or management.

Consistently learn new systems, applications, processes and techniques.

Lead or participate in projects or support activities, which are moderate in size and organization span.

Required Qualifications

Completed all requirements, including thesis defense, for a PhD in a quantitative field such as statistics, mathematics, physics, engineering, computer science, or economics

Other Desired Qualifications

Experience and ability to demonstrate first-hand knowledge of mathematical and numerical methods in a variety of areas such as partial differential equations; Monte Carlo methods; linear algebra; stochastic calculus; numerical integration and optimization.

Ability to explain complex mathematical concepts to a variety of audiences.

Demonstrated ability to effectively organize tasks, manage time, set priorities and deadlines

Professional experience through internships, part-time or full-time work, and/or demonstrated leadership experience in academics or a community setting.

Demonstrated experience in successfully collaborating with others.

Knowledge of risk-neutral derivatives pricing concepts.

Strong written and oral communication skills.