



Quantitative Analyst, Officer

OUR COMPANY:

State Street Corporation (NYSE: STT) is the world's leading provider of financial services to institutional investors including investment servicing, investment management and investment research and trading. With \$28.19 trillion in assets under custody and administration and \$2.45 trillion in assets under management as of December 31, 2014, State Street operates globally in more than 100 geographic markets and employs 29,970 worldwide. For more information, visit State Street's website at <http://www.statestreet.com/>.

JOB DESCRIPTION:

State Street Corporation's Model Validation Group (MVG) is recruiting for Quantitative Analysts at the junior level. MVG is part of the broader Model Risk Management function that is responsible for the identification, measurement, and mitigation of model risk across the global enterprise.

The work of Quantitative Analysts will be guided by Senior Quantitative Analysts who lead model reviews. MVG's review work is focused on models used to make business and operating decisions. These models are in the following general areas: wholesale credit risk (e.g., probability of default, loss given default); market risk (e.g., daily value at risk pricing models and ALM risk); securities finance; asset management, and operational risk.

Specific tasks performed during model reviews include but are not limited to:

- Assessing model theory and model assumptions as well as considering model methods and alternate options.
- Testing and confirming model results by using documented procedures for running the models.
- Reviewing code documentation for proper model implementation, including the possible simulation of results.
- Working with data validation members and information technology professionals to assess model data integrity.
- Performing model validation processes and performing independent model validation of significant models.
- Assessing the stability and robustness of models by conducting backtesting, sensitivity testing, and stress testing.
- Making recommendations and suggesting improvements related to the applicability of the different models assessed in meeting their objectives.

JOB QUALIFICATIONS:

- Master in Finance, Economics, Mathematics, Statistics, and/or other quantitative discipline. Exceptional candidates with a Bachelor's degree and 3+ years of relevant work experience will also be considered.
- Work experience in a Financial Services Firm preferred. Model Validation experience a plus.
- Excellent quantitative modeling, analytical, research, and programming skills (e.g., SAS, Matlab, Stata, SQL, VBA, and/or C++) required.
- Strong communication skills both verbal and written.
- Good project management skills, with the ability to work independently on multiple tasks and/or projects.
- Knowledge of financial markets and products.
- The candidate must be able to take initiative and meet deadlines.

LOCATION: Boston, MA

APPLICATION PROCEDURE:

Qualified candidates are encouraged to apply by sending a cover letter and resume to Wolfgang Schoepf [WSchoepf@StateStreet.com] with "Job ID: MVG-Quantitative Analyst, Officer" in the subject line of the email.