

Wells Fargo Quantitative Associate Program

Job Opening ID #: 5259370

Deadline: 10/28/16

As one of the country's oldest and most stable companies, we're always looking for sharp, 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 with \$1.6 trillion in assets. Founded in 1852 and headquartered in San Francisco, Wells Fargo provides banking, insurance, investments, mortgage, consumer and commercial finance through more than 9,000 stores, 12,500 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.

With more than 265,000 team members, we serve one in three households in the United States. Wells Fargo & Company was ranked No. 29 on *Fortune's* 2014 rankings of America's largest corporations. Our vision is to satisfy all our customers' financial needs and help them succeed financially.

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.

Job Description

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 with \$1.6 trillion in assets. Founded in 1852 and headquartered in San Francisco, Wells Fargo provides banking, insurance, investments, mortgage, and consumer and commercial finance through more than 9,000 stores and more than 12,500 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.

The Quantitative Associate program is designed to provide qualified candidates with the opportunity to gain comprehensive professional and industry experience that prepares them to develop, implement, calibrate or validate various analytical models. This program will place each successful candidate in a 12-month rotational program, followed by a permanent placement, in one of the three distinct track options, Capital Markets, Credit, and Enterprise.

Sponsored by Corporate Risk, the Program gives associates the opportunity to work with various lines of business to develop, maintain and validate statistical models for loss forecasting, credit risk scorecard, risk segmentation, capital management, stress testing for a variety of lending products and operational risk processes. Associates provide high-quality analytics to help our business identify, quantify, and mitigate risks. With the combination of orientation, classroom training and professional development, associates will have the opportunity to influence risk management strategies, interact with senior leaders, excel through individual coaching and mentoring, and participate in team building activities.

Responsibilities include but are not limited to:

- Perform core mathematical model development or validation under the direction of more experienced team members using programming languages and statistical packages such as R, MATLAB, SAS, SQL, SPSS, and Mathematica.
- Produce required documentation to evidence model development and/or validation.
- Perform historical and/or analytical research in response to requests or assignments.

- Understand credit and operational processes, work flows and issues to sufficiently document and make recommendations for process improvements.
- Understand business needs and provide possible solutions by explaining in a clear verbal and/or written communication to management and fellow team members.
- Lead and participate in model risk projects supporting varying purposes, methodologies and lines of business
- Read and understand technical papers and their application to Wells Fargo modeling techniques.
- Stay up to speed on industry challenges and new and innovative modeling techniques to ensure Wells Fargo maintains “best in class” modeling approaches.
- Stay current with bank regulatory framework and developments.
- Bring closure to issues, questions and requests.
- Solve problems independently or collaborate on solutions as a member of a team.

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 various numerical methods such as Monte Carlo methods, stochastic calculus, differential equations, applied probability, and statistical inference
- Excellent computer programming skills or use of statistical software packages such as C++, R, MATLAB, SAS or SQL
- Good verbal, written, and interpersonal communication skills
- Ability to prioritize work, meet deadlines, achieve goals, and work under pressure in a dynamic and complex environment
- Ability to develop partnerships and collaborate with other business and functional areas
- PhD degree candidate with an expected graduation in December, 2016 or May/June 2017

