PhD Quantitative Analytics Specialist 2
Credit and Operational Risks Track

Locations: Atlanta (GA), Charlotte (NC), McLean (VA), Minneapolis (MN), and San Francisco (CA)

Job ID #5511014   Expiration date: 10/25/2019

Background

Wells Fargo & Company is a nationwide, diversified, community-based financial services company that is headquartered in San Francisco with major locations around the country. Founded in 1852, Wells Fargo is one of the country's oldest and most stable companies. We have more than 265,000 team members and serve about one in three households in the United States.

We are looking for talented and ambitious individuals to join our large community of quants who are already working on a wide range of problems in model development, model risk assessment, and audit. Areas of application include: loss and revenue forecasting, credit decisions, financial crimes, fair lending, operational risks, and stress testing. We use state-of-the-art statistical, mathematical, and machine-learning techniques to develop and assess models in these areas. We also use AI techniques (natural language processing, deep learning algorithms, and others) to model information in unstructured data (text, voice, and images).

Quantitative Analytics Program (QAP)

The QAP is an early talent program aimed at recruiting new PhDs and providing them with the chance to gain comprehensive professional and industry experience in order to develop, implement, calibrate, validate, or audit quantitative models. We provide an exciting and diverse environment where quants can work on interesting and challenging problems. Specialists will work with business units and other organizations on selected lending products, operational risk processes, model validation, or model audit. Quants can also move around the company as they use problem-solving, organizational, and communications skills to build careers.

The program starts in June 2020 with a combination of orientation, classroom training, and professional development activities. Specialists will then be placed in a 12-month rotational program followed by placement within Centers of Excellence involved in Credit and Operational Risks. They will have the chance to influence risk management strategies, interact with senior leaders, excel through individual coaching and mentoring, and participate in team-building activities. Hiring opportunities are available in Atlanta (GA), Charlotte (NC), McLean (VA), Minneapolis (MN), and San Francisco (CA).

Duties include but are not limited to:

• Performing core mathematical and statistical model development/validation/audit
• Using Python, C++, R, SAS, and SQL or other programming languages and mathematical/statistical packages
• Contributing code to analytics libraries
• Producing required documentation to substantiate model development, validation, and/or auditing
• Performing analytical research in response to requests or assignments and providing possible solutions to business needs
• Analyzing processes and work flows to recommend process improvement in various risk management and/or business areas

- Participating in and leading model risk projects.

Required qualifications
- A PhD in computer science, economics, engineering, mathematics, physics, statistics, or a related quantitative field
- A master's degree in one or a combination of the above-listed areas and two or more years of relevant industry experience

Desired qualifications
- A PhD degree in computer science, economics/econometrics, engineering, operations research, statistics, or a related quantitative field
- An expected graduation date between December 2019 – June 2020 (all PhD requirements including thesis defense **must** be completed by June 2020)
- Experience and ability to demonstrate first-hand knowledge in several of these areas: AI (machine learning, natural language processing, etc.), computing, data analytics, modeling, statistical inference
- Excellent computer programming skills and use of statistical software packages such as Python, R, SAS, C++, and SQL
- Good verbal and written communication skills as well as interpersonal 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.

To view the full job description and apply

External applicants

- Visit the Wells Fargo Careers Site: wellsfargo.com/careers.
- Click Search Jobs > and in the Search Jobs field, enter the job ID number as listed above and click Search.
- Follow the prompts to navigate the application page.

If the job search returns with no results, the posting is no longer active.

Internal applicants*

- Visit Teamworks Job U.S. and sign on via the intranet at hrpeoplesoft.wellsfargo.com/jobs or via the internet at Teamworks at Home: teamworks.wellsfargo.com/.
- In the Search Jobs field, enter the job ID number and click >> (Search).

If the job search returns with no results, the posting is no longer active.

*These instructions are for internal team members only. External applicants will not be able to use the Teamworks job search tool.