2018 Quantitative Internship Program


Who we are
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 $1.9 trillion in assets. Founded in 1852 and headquartered in San Francisco, Wells Fargo provides banking, insurance, investments, mortgage, and consumer and commercial financial services through more than 8,500 locations, 13,000 ATMs, online (wellsfargo.com) and mobile devices. We do business with 70 million customers and one in three U.S. households. Wells Fargo has approximately 271,000 team members in 42 countries and territories across our more than 90 businesses.

Program overview
The Quantitative Internship program (Job ID: 5375637) is a 10-week summer internship designed to provide qualified candidates with the opportunity to gain comprehensive professional and industry experience that prepares them to develop, implement, calibrate, validate or audit various analytical models. There are two major modeling tracks seeking summer interns.

Our Capital Markets track gives interns the opportunity to develop and validate mathematical models for pricing, hedging and risk of complex financial instruments. Wells Fargo trading portfolios include products in all traded asset classes like credit, commodity, Equity, FX, Rate, Mortgages and Asset-Backed Finance. Interns can be placed in one of the following quant areas: Desk Quant, Model Validation or Corporate Risk Analytics.

Our Credit & Operational Risk track provides interns the opportunity to work with various lines of business to develop, validate, implement and calibrate statistical models for loss forecasting, credit risk scorecard, risk segmentation and stress testing for a variety of lending products and operational risk processes.

Responsibilities
- Perform core mathematical, statistical, and machine/deep learning model development and validation
- Lead and participate in model risk projects supporting varying purposes, methodologies and lines of business
- Stay up to speed on industry challenges and new and innovative modeling techniques to ensure Wells Fargo maintains “best in class” practice
- Understand business needs and provide possible solutions by explaining in a clear verbal and written communications to management and fellow team members.

Qualifications
- Current graduate student in a quantitative field such as Mathematics, Statistics, Computer Science, Economics, Physics, Quantitative Finance, Operations Research, Applied or Computational Mathematics, Engineering or a related quantitative field
- Experience and ability to demonstrate first-hand knowledge in the areas of data analytics, modeling, statistical inference, computing, big data and machine learning
- Excellent computer programming skills and use of statistical software packages such as C++, Python, R, SAS and SQL
- Proven written and oral communication skills as well as interpersonal skills
- Demonstrated 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 function areas
- Resume submission should include a list of relevant graduate courses taken and a description of research as well as practical experience and projects

Locations
Positions are available in:
- Charlotte, NC
- Minneapolis, MN
- San Francisco, CA
- St. Louis, MO

Application process
Apply for the individual job tracks online at www.wellsfargo.com/careers by first creating a job seeker profile. Click on “Search jobs in the United States”, then select “Register Now” and follow the simple instructions to complete your application.

Interview process
Interviews will take place via phone from January – February 2018. Final decisions will be made by March 2018.

Additional information
Email michael.s.mcguire@wellsfargo.com for more information.

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