

JPMORGAN CHASE & CO.

2019 Data Science & Machine Learning Internship Program - New York⁻¹⁸⁰⁰⁹⁰⁴¹⁵

Delivering excellence at the intersection of data science, research and industry expertise, our Data Analytics team goes beyond where any bank has gone before. We ask the questions and find the answers to create solutions and technology that help to solve the world's most pressing financial problems, and improve and protect our customer and client experiences every day. Whether you're working with artificial intelligence, blockchain technology, big data, machine learning or robotics, our intrapreneurial team environment challenges our Data Scientists to push the limits of their expertise in the pursuit of impactful and commercial real world applications.

WHAT YOU CAN EXPECT

Our summer associate internship program in New York are 3-6 month cycles starting in either May or June. Your learning and growth will be supported throughout the entire internship.

Full-time employment offers may be extended upon successful completion of the program.

You can launch your career with us in one of several opportunities:

Data Analytics

The Data Analytics team combines cutting edge machine learning techniques with the company's unique data assets to optimize the business decisions we make. In this role, you will develop scalable tools leveraging machine learning and deep learning models to solve real-world problems in areas such as Speech Recognition, Natural Language Processing and Time Series predictions. You'll use business intelligence to create predictive models and automate decision making. Our work spans the company's lines of business, with exceptional opportunities in each.

Quantitative Research (QR) Machine Learning

Our Quantitative Research team is looking for talented graduates in machine learning and related fields who want to join the transformation of our investment bank into a data-led business. Closely embedded within the business, we drive

change through innovation and business process optimization using state-of-the-art machine learning techniques such as collaborative filtering, deep learning and reinforcement learning. Our activity touches all aspects of the business from sales and client interaction, to risk management, inventory and portfolio optimization, electronic trading and market making.

ABOUT YOU

We're looking for innovative problem-solvers with a passion for developing complex solutions that support our global business.

Key Qualifications

- Enrolled in a master's or Ph.D. degree program in math, sciences, engineering, computer science or other quantitative fields
- Attend college/university in the U.S.
- Knowledge of machine learning / data science theory, techniques and tools
- Programming experience with one or more of Python, R, Matlab, Tensorflow, C++
- Excellent analytical, quantitative and problem solving skills and demonstrated research ability
- Strong communication skills and the ability to present findings to a non-technical audience
- No prior experience in financial markets required

Desirable skills

- Experience with big-data technologies such as Hadoop, Spark, SparkML, et al.
- Knowledge in Reinforcement Learning or Meta Learning

More information:

<https://jpmchase.taleo.net/careersection/10140/jobdetail.ftl?job=180090415>