

# JPMORGAN CHASE & CO.

## **2019 Data Science & Machine Learning Full-Time Program - New York-**

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 entrepreneurial 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 full-time associate program in New York offers hands-on experience with extensive development opportunities. We can be flexible on start date in 2019, depending on when you complete your university program.

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

#### **Corporate & Investment Bank 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.

#### **AI Research**

Our newly established AI Research team is headquartered in New York and present in key hubs around the world. It maintains partnerships with leading academic and research institutions around the world and works with them on areas of mutual interest. Research Analysts will be responsible for conducting primary end-to-end research typically within a specialized focus area. They will work in collaboration with other JPMorgan Chase and external researchers. As part of their

research, Research Analysts will extensively write code and run experiments, build prototypes, and partner with other JPMorgan Chase Machine Learning and Data Analytics Teams to develop techniques and components for broader use across the Firm.

## **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
- Expected graduation date of December 2018 – Spring 2019
- 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=180099180>