Enterprise Data Quant Researcher to will apply cutting edge machine learning techniques to financial modeling problems by leveraging the large and varied datasets within Bloomberg Enterprise Data.

**In this role you will:**

* Be responsible for conducting statistical analysis, developing machine learning methodologies, model estimation and overseeing part of the research activities
* Explore current academia and market best practices in machine learning approaches
* Assesses quality controls around different approaches as well as suggesting new approaches in research
* Work cross functionally with Product Managers, Senior Leaders in Enterprise Data, Engineering, and other Quant Research teams

**You'll need to have:**

* Advanced degree in an applied numerical field: Physics, Mathematics, Statistics, Computer Science, Operations Research, etc.
* Strong quantitative analysis, programming, and statistical modeling skills
* 2+ years of machine learning experience in a professional role
* Technical skills: Must be proficient in Python and familiar with distributed computing frameworks (e.g., Spark). Scala is a plus, but not required
* The ability to show special attention to data integrity and robustness of various models, a rigorous scientific/statistical approach and a complete technical background
* Experience in taking on independent research and developing end-to-end modeling solutions to real word problems
* Track record of gathering, matching, and processing large data sets from varied sources and of different characteristics. Analysis on mixed features: continuous and categorical that may be noisy or corrupted.
* Solid understanding of different machine learning techniques: dimensionality reduction, representation learning, generative modeling, transfer learning, and missing value imputation
* Strong communication skills both written and spoken

**We'd love to see:**

* Financial industry experience
* Natural language processing