* Work on data parsing, analyzing, investigating, interpreting, modeling, and extracting knowledge from large volumes of data.
* Process data to help drive better business decisions in a fast-paced environment
* Extract data from databases, write scripts to parse, clean, combine, and process them
* Draw inferences and conclusions, communicate results through reports, charts, or tables
* Use predictive analytics and machine learning to create new products or drive business decisions
* Design and run experiments, research new algorithms, and find new ways of optimizing risk, profitability, and customer experience
* Investigate data problems, identify patterns
* Create dashboards and visualizations of processed data, identify trends, anomalies

Your Skills and Experience

* Ph.D. or Master Degree in Computer Science, Applied Statistics, Mathematics or a related Quantitative Discipline.
* Minimum 5 years of experience on a development team, shipping production software.
* Agile software development practice.
* At least 3 years of experience with Spring Java. MongoDB experience is also required
* Data Mining and Machine learning experience including:
* Solid understanding and experience in applying and implementing machine learning algorithms and concepts such as: K-means Clustering (varieties), Gaussian distribution, decision tree, boosting, etc.
* Experience working with BigData and Machine learning analytics tools such as: R, Neo4J, MADlib, Spark, Hadoop MapReduce.
* Experience with REST based API development and JSON data formats.

Some key: Data science; Quant developer