**Sr Software Engineering- Data Mining/Machine Learning - NYC**

LinkedIn was built to help professionals achieve more in their careers, and every day millions of people use our products to make connections, discover opportunities, and gain insights. Our global reach means we get to make a direct impact on the world’s workforce in ways no other company can. We’re much more than a digital resume – we transform lives through our innovative products and technology.  
Searching for your dream job? At LinkedIn, we strive to help our employees find their passion and purpose. Join us in changing the way the world works.  
If you are an applied research engineer/scientist with a passion for working on massive semi-structured text and graph datasets, then the LinkedIn Data Team is the place for you. The ideal candidate will have domain experience (data mining, information retrieval, data science, natural language processing, advanced statistics, and/or machine learning), a strong systems orientation, and experience in building data mining products. The work you put forth will directly impact and fuel LinkedIn’s search relevance, ad targeting, information extraction, and recommendations.  
As an applied research scientist/software Engineer, you will be an agile architect in the design, development, and support of the most visible Internet-scale features and infrastructures at LinkedIn.  
  
**Responsibilities**

 Work with BIG data, crunching millions of samples for modeling internal and external data, recommendation, or search relevance solutions.

 Provide technical leadership, driving and performing best engineering practices to initiate, plan, and execute large-scale, cross functional, and company-wise critical programs.

 Identify, leverage, and successfully evangelize opportunities to improve engineering productivity.  
  
**Basic Qualifications**

 B.A./B.S. Degree in Computer Science, mathematics, electrical engineering or related technical fields such as machine learning, statistics

 Experience in Java, C++, Scala or another object-oriented language.  
  
**Preferred Qualifications**

 Master’s Degree or higher in Computer Science, Machine Learning, applied math or related technical field.

 4+ years of relevant programming skills.

 Expertise in one or more of the following: machine learning, data mining, data science, advanced statistics, information retrieval, or natural language processing.

 Experience with iterative, test-driven development.

 Experience with configuration management (SVN, GIT, ant, maven, etc.).

 Experience with developing and designing consumer-facing data based products

 Experience with Hadoop, Pig, Scalding or other MapReduce paradigms.

 Published papers in academic conferences or industry circles. Candidates may be invited to present a talk on their work as part of the interview process.