With power chain management from creation to consumption, and over half a dozen manufacturing hubs here in the U.S., Siemens Energy Management provides technologies for the economic, reliable, and intelligent transmission and distribution of electrical power. From smart grid and energy automation technology, to power supply for industrial plants and high-voltage transmission systems, Siemens is providing intelligent technologies to a diverse clientele.

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**Job Description**

**Position Description:**

The data scientist will support the growing analytical needs of the company as customer data collection efforts expand. The primary duties of the position will involve performing statistical analysis, predictive modeling and implementing algorithms to enhance our anomaly detection, customer segmentation and advanced data exploration. These activities are conducted in support of furthering the development of the company’s products and technology.

**Responsibilities**

The Data Scientist’s duties will include, but not be limited to:

 A research project tailored to their strengths, spanning the domains of machine learning, graph analytics, process automation etc.

 Assist the team with the analysis, design, development, testing, and documentation of predictive models, tools, visualizations and algorithms.

 Building statistical models: after participating in the model design, the data scientist will work with analytics team in the preparation of data, development of candidate models, evaluation and selection of final models.

 Completing written documentation and reports of results. This will take the form of business reports, internal technology summaries and statistical analysis.

 Delivery and presentation of accurate and actionable business and technical analyses to support sales, customer retention, and technology improvement efforts.

**Qualification**

 Prefer candidates working towards Master’s degree in Computer Science, Statistics, Mathematics, or a related technical field. Consideration will be given to exceptional Bachelor level candidates as well.

 Prior statistical modeling and/or machine learning experience are required.

 Experience with large data sets, data mining, clustering, forecasting, deep learning and distributed algorithms is highly desirable.

 Strong coding and scripting skills are required. Background in model building in software packages such as R or Python is required.

 Must have exceptional communication skills, both written and oral, in order to explain technical concepts and analysis implications clearly to a wide audience and to translate business objectives into actionable analyses.

 Must be able to understand and creatively solve problems that span statistics, technology, and business.

 Ability to work independently with minimal supervision;

All applicants must submit the following documents with their completed application:

 Resume

 Transcript

 A six sentence personal statement describing qualifications and reason for interest in the job.

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* Competitive compensation.
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* Extensive product training and professional career development.