Job Summary - Data Scientist

WEX Inc is a provider of payment processing and information management services spanning multiple industries including Fleet, Healthcare and Travel with headquarters across the globe, including in Maine, London, Rome and Singapore.

With each of our industry segments come rich data ecosystems that are proving to be abundant veins of capabilities and insights allowing us to solve decade old problems and enabling our team to spearhead the launch of new products that help our customers understand, optimize and streamline their businesses while ensuring that WEX stays ahead of its competitors.

As a Data Scientist at WEX in South Portland, Maine, you will be part of a highly energetic and innovative team that believes that nothing is impossible with creativity and hard work.

Experimentation and exploration are at the core of what you do. In this role, you will work to effectively turn business questions into data analysis and provide meaningful recommendations on strategy.

We are looking for a high-energy self-starter with a passion for data science, attention to detail, and a positive attitude. You must enjoy diving deep into data sets and finding interesting patterns through analytical experiments run in a methodical way.

Performance Objectives:

The Ideal Candidate will have the opportunity to:
- Design, develop and program methods, processes, and systems to consolidate and analyze unstructured, diverse “big data” sources to generate actionable insights and solutions for client services and product enhancement.
- Interact with product and service teams to identify questions and issues for data analysis and experiments.
- Develop and code software programs, algorithms and automated processes to cleanse, integrate and evaluate large data sets from multiple disparate sources and identify meaningful
insights from large data and metadata sources. Interpret and communicate insights and findings from analysis and experiments to product, service, and business managers.
- Conduct data analysis to make business recommendations.
- Acquire, manage and use data to inform business decisions and product design.
- Design models and statistical analyses to answer specific questions for internal and external customers.
- Deliver effective presentations of findings and recommendations to multiple levels of leadership, creating visual displays of quantitative information.
- Build relevant ETL pipelines to transform raw data and calculate model features.
- Develop and automate algorithms, interactively build and prototype dashboards to provide insights at scale, solving for analytical needs.
- Collaborate with engineering team to implement algorithms in production and productize prototype R&D solutions.
- Construct and fit statistical, machine learning and optimization models.

Qualifications:

- 2+ years of relevant experience in data science or advanced analytics
- Graduate or BA/BS degree in a quantitative field such as computer science, mathematics, statistics, economics, physics, psychology or similar quantitatively focused subject areas or job-related experience.
- Ability to think creatively and solve problems.
- Ability of diving into data to discover hidden patterns.
- SQL proficiency and experience working with relational databases.
- Track record of writing clear and well documented code for data analysis, preferably in Python.
- Demonstrated experience with data visualization tools and libraries such as Tableau, D3 and Matplotlib.
- Excellent communication skills with the ability to distill complex issues and analysis.
- Track record of successful data science projects.

Preferred qualifications:

- Distributed and cloud-based computing experience
- Experience with AWS Redshift, EMR, EC2, S3, Athena and Sagemaker
- Experience with Google Big Query, TensorFlow, Tensor Board, Keras and PyTorch
- Familiarity with common python data science libraries such as NumPy, SciPy, Pandas and SK-learn
- Experience working with large datasets and knowledge about parallelization
- Strong background in data mining, machine learning and statistical analysis
- Experience working in an agile software development environment
- Experience working with large sets of data, and designing of ETL flows
- Master's degree in quantitative field such as data science, statistics, machine learning, AI would be a plus
- Must pass a successful background investigation
- Willingness to travel on occasion in order to attend industry conferences and to conduct on-site customer consultation visits.
- At WEX, we reward innovation, hard work and excellence.

Benefits include:

· 401(k) Plan
· Adoption Assistance
· Bonus Plan
· Dental Insurance
· Dependent Life Insurance
· Employee Assistance Program
· Employee Referral Award Program
· Expedition - WEX’s Sabbatical Program
· Extended Parental Leave
· Flexible Spending Accounts (Medical and Dependent)
· Health Insurance
· Life Insurance/AD&D
· On Site Fitness Facility in South Portland location
· Pet Insurance
· Paid Time Off (PTO)
· Short- and Long-Term Disability Programs
· Tuition Reimbursement
· Vision

Equal Opportunity Employer/Vets/Disability