Data Scientist, Lead

Please send your resume and cover letter to jobs@mosaicatm.com

Mosaic ATM, located in the Northern Virginia / Washington, DC Metro area, is seeking talented full-time Data Scientist, Lead, to add to our great team. We're looking for people who are passionate about data science, and just as passionate about being part of a great team. **This position can be in office, hybrid, or fully remote**.

Are you a seasoned professional with experience leading teams to solve complex system problems? Do you like working with other professionals to design modernized, efficient and scalable solutions? Are you an independent learner and a motivated self-starter who takes initiative to produce great results? If so, read on...

What you'll be doing:

- Involved in the analysis of unstructured and semi-structured data, including latent semantic indexing (LSI), entity identification and tagging, complex event processing (CEP), and the application of analysis algorithms on distributed, clustered, and cloud-based high-performance infrastructures.
- Exercises creativity in applying non-traditional approaches to large-scale analysis of unstructured data in support of high-value use cases visualized through multi-dimensional interfaces.
- Handle processing and index requests against high-volume collections of data and high-velocity data streams.
- Has the ability to make discoveries in the world of big data. Requires strong technical and computational skills - engineering, physics, mathematics, coupled with the ability to code design, develop, and deploy sophisticated applications using advanced unstructured and semi-structured data analysis techniques and utilizing high-performance computing environments.
- Has the ability to utilize advance tools and computational skills to interpret, connect, predict and make discoveries in complex data and deliver recommendations for business and analytic decisions.
- Experience with software development, either an open-source enterprise software development stack (Java/Linux/Ruby/Python) or a Windows development stack (.NET, C#, C++).
- Experience with data transport and transformation APIs and technologies such as JSON, XML, XSLT, JDBC, SOAP and REST. Experience with Cloud-based data analysis tools including Hadoop and Mahout, Acumulo, Hive, Impala, Pig, and similar. Experience with visual analytic tools like Microsoft Pivot, Palantir, or Visual Analytics.
- Experience with open source textual processing such as Lucene, Sphinx, Nutch or Solr. Experience with entity extraction and conceptual search technologies such as LSI, LDA, etc.
- Experience with machine learning, algorithm analysis, and data clustering.

What you'll need to bring to this job:

- Education: BS, Experience: 16+ Years, PhD 11+, MS 14+, HS 20+
- Excellent problem-solving skills
- Strong communication skills both verbal and written
- Flexibility to move between projects
- Responsible, Self-motivated, and innovative
- U.S. citizen or otherwise fully authorized to work in the U.S

Here's what WE bring to the table:

- Great people: Work with some of the best and brightest people in the industry
- Awesome benefits: Standard benefits like health, dental, and vision insurance, 401k plan, and paid vacation.
- Plus, some unique stuff like paid overtime, local telecommuting, and profit sharing
- Relaxed office environment: Relaxed atmosphere, jeans are the norm, flexible scheduling
- Amazing company: Competitive salaries with annual compensation reviews, generous bonuses, good morale with fun teambuilding events

Company Overview

Mosaic ATM is a dynamic and growing technology consulting firm specializing in aviation and air traffic control system development. Key clients of Mosaic ATM include NASA, the FAA, the Air Force, large Government Contractors and major Air Carriers.

Mosaic ATM is an Equal Employment Opportunity/Affirmative Action Employer.