



Senior Software Engineer – Data Science

Description

Near-Miss Management (NMM) is seeking an experienced and highly motivated software engineer to further develop and scale its unique browser-based data analytics platform. NMM provides an analytics and visualization software solution to multiple corporate clients in the chemical and refining industry. Within our small engineering team, your voice will be a valuable asset to product development.

In this role, you will be responsible for further development of NMM's successful flagship analytics product by adding new capabilities – some of which have already been identified. As a senior engineer, you will be in a unique position to define and undertake technical needs of the software across its entire stack. In addition to addressing business needs and feature development, you will also be able to autonomously help shape the future of the software. Enjoy flexible hours, work-from-home days, and a relaxed casual atmosphere as you work with experienced team members to help design, build, and deliver a robust, reliable software system.

Requirements

One of the main responsibilities of this role is the development and maintenance of an existing data analytics model, which is implemented in Python using the Numpy/Pandas stack. This role will be responsible for supporting the existing machine-learning based analytics while providing key insights for their extension and improvement. Aside from analytics, an important aspect of the role involves the processing pipeline. Also written using Python, the pipeline executes the analytics in a parallelized fashion, and assistance with moving towards a distributed processing paradigm would be valuable.

Required Qualifications

- MS or PhD in Computer Science/Engineering, or related fields
- 3+ years of experience in data science and data engineering
- Extensive Numpy and Pandas experience
- Model validation and performance testing
- Take analytics models from prototype stage to deployment with scale and performance in mind

Desired Qualifications

- Ability to comfortably manage version control using Git
- Experience with distributed systems design and architecture
- Jupyter Notebook prototyping
- General understanding of both NoSQL and relational databases and the ability to programmatically interface with them
- Experience with unit testing, integration testing, automated testing strategies, and continuous integration
- Understanding of object-oriented design principles and paradigms
- Experience with NodeJS, Javascript, TypeScript

To apply, please email support@nearmissmgmt.com.