

## **Bioinformatician/Data Scientist**

Location: **Arlington, VA (flexible)**

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### **Description**

Netrias is a fast-growing Artificial Intelligence (AI) company that specializes in the application of machine learning models for biological applications such as genome engineering, target identification, and drug discovery.

Netrias is committed to creating a diverse environment and is proud to be an equal opportunity employer. Netrias recruits, employs, trains, compensates and promotes regardless of race, religion, color, national origin, sex, disability, age, veteran status, and other protected status as required by applicable law.

### **Job Summary**

We are seeking a talented Bioinformatician looking to expand their skills in Data Science and Machine Learning to contribute to the development of analytical techniques for biomarker discovery.

Qualified candidates will:

- Contribute to the design, development, and application of data mining, statistical analysis, and machine learning, methods applied to multi-omics and clinical phenotype datasets.
- Collaborate with software engineers to implement, test, automate, and apply mathematical algorithms from research

Requirements:

- Knowledge of bioinformatics tools and analyses including differential expression analysis, gene set enrichment analysis, and network analysis
- Familiarity with genomic, transcriptomic, proteomics, and/or metabolomics processing pipelines
- Knowledge of problem analysis, mathematical formulation, algorithm development, and model implementation
- Strong Proficiency in Python or R
- Excellent written and oral communication
- Masters degree or higher in Bioinformatics, Computational Biology, Bioengineering, or Masters degree in Computer Science, Statistics, Mathematics, Electrical Engineering, or similar discipline with a biology background