



Senior Bioinformatics Scientist

CytoReason is developing the first cell-centered computational model of human disease. With the company's proprietary database and AI-led platform, pharma and biotech companies minimize the need for animal trials and make human trials more focused and accurate. To date, five of the world's top ten pharma companies, including Pfizer, Janssen and Roche, use CytoReason's technology to reach data-driven decisions, and develop new drugs in a fraction of the time and cost.

Role Summary:

You will be joining a multi-disciplinary team of software engineers, bioinformaticians and biologists to tackle the most burning questions of the pharmaceutical industry using cutting edge data. You will focus on deciphering disease mechanisms, identifying biomarkers of drug response, identifying novel drug targets and predicting combinations. All based on human clinical and molecular data empowered by the company disease model. This role is customer facing. You will be working with the best pharma companies in the world to bring novel therapies to patients.

Responsibilities:

- Apply your strong analytical capabilities and solid understanding of biology to lead the analytical component of our collaborations
- Work closely with immunologists to explore the data, build and execute analysis plans and deliver biological insights
- Work with our core team to develop and implement algorithms to push our technology even further

Requirements:

- PhD in Biomedical Informatics, Computational Biology or related disciplines
- 3+ years of hands-on experience in omics data analysis
- Comfort in understanding of statistics and bioinformatics methods
- Experience in R
- Experience in working with public biological databases, methods and tools
- Strong communication skills with fluency in English

Advantages:

- Experience in developing analysis methodologies
- Experience analyzing diverse data types (e.g. cell, proteomics, microbiome)
- Experience in Python
- Background in Immunology
- Experience working in a team with biologists
- Experience in drug development

CVs please send to: cytoreason.82.B1E@applynow.io

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