Senior Project Bioinformatics Scientist

CytoReason is a systems immunology company building an ever-growing model of the immune system in many diseases and tissues to assemble an immune-centric disease view. We employ our machine learning model to guide pharma companies through key decision making in drug discovery and development.

Our technology is supported by over a dozen peer-reviewed publications, multiple scientific collaborations including Pfizer and the Parker Institute for Cancer Immunotherapy. The demand for our capabilities is growing fast as more pharma companies are shifting towards modulating the immune system in many disease areas.

The successful candidate will be joining a multi-disciplinary team of software engineers, bioinformaticians, computer scientists and biologists. In this role, he/she will apply his/her strong analytical capabilities and solid understanding of biology to lead the analytical component of our collaborations. The candidate will work closely with immunologists to acquire data, build and execute analysis plans and deliver biological insights. He/she will also work with our core team to develop and implement algorithms to push our technology even further.

The following are the minimum and ideal criteria as were advertised.

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

AN IDEAL CANDIDATE WILL BRING ALSO:
- 7 years of experience in supporting pharma R&D projects
- Experience in developing analysis methodologies
- Experience analyzing diverse data types (e.g. cell, proteomics, microbiome)
- Background in Immunology
- Experience in R and Python
- Experience working in a team with biologists

CVs please send to: tali.bonjack@cytoreason.com