

Senior Data Scientist

Position Description

Glympse Bio is a rapidly growing company developing molecular activity sensors to enable noninvasive monitoring of human disease. We are looking for an exceptional data scientist to guide the computational analysis of our data and help build our Machine Learning platform. This position provides the opportunity to shape the vision for a groundbreaking new technology, with significant impact and visibility across the company. You are going to have the chance to build something exciting from scratch, laying the foundation for a sophisticated computational platform which combines nanotechnology with AI to improve the lives of potentially millions of patients worldwide.

Responsibilities

- Produce predictive models from mass spectrometry, RNA seq, and other biological datasets
- Contribute to the design, training and deployment of clinical-grade Machine Learning models
- Analyze and interpret experimental data, and recommend courses of action based on the results
- Design novel computational tools and algorithms for Glympse's nanosensor technology
- Conduct exploratory analysis to extract insights and uncover important groups, trends, and relationships in data.
- Develop functional prototypes of data products incorporating analytics, visualization, and machine learning
- Regularly present to peers and senior company leadership
- Participate in cross-functional projects spanning laboratory operations, software engineering and Machine Learning
- Mentor junior team members

Required Qualifications

- 3+ years of professional experience with Machine Learning and predictive modeling
- 3+ years of experience with biological data analysis (e.g. RNAseq, mass spectrometry)
- Excellent verbal and written communication skills
- BS or MS in Computer Science, Engineering, Bioinformatics, or related technical field

Desired Qualifications

- Familiarity with the Python data science stack (numpy, pandas, statsmodels, scikit-learn)
- Working knowledge of basic biostatistics e.g. study power calculation
- Experience deploying Machine Learning models in production
- Computational Chemistry and/or proteomics experience a plus
- Experience working under CLIA and/or FDA regulations a plus

How to apply



Applications should include a resume to Glympse Bio at maciej@glympsebio.com. All questions and inquiries should be directed to the same email address. Glympse Bio is an Equal Opportunity Employer.

About Glympse Bio

Glympse Bio is developing an innovative new paradigm to enable noninvasive and predictive monitoring of important human diseases. The company's technology uses precisely bioengineered sensors that interrogate the body for the presence of disease activity, and then carry the message to a patient's urine for analysis. Glympse Bio's platform technology was developed at the Koch Institute for Integrative Cancer Research at MIT by Dr. Gabe Kwong and Dr. Sangeeta Bhatia. This sensor paradigm has been published in leading scientific journals such as *Nature Biotechnology* and the *Proceedings of the National Academy of Sciences*, and broadly covered by the media including The Economist, BBC News, the Boston Globe, TED, and TEDMED.

Glympse Bio is located in Cambridge, MA with easy access to public transportation.