Data Scientist 1 – Bioinformatics

Organization
Vivid Genomics

Job Location
San Diego, California

Salary
Competitive, opportunity for equity

Benefits
Alzheimer’s disease is a complex disease affecting millions of people in the US and worldwide, with no disease modifying therapeutic. Vivid Genomics is a startup focused on using genomics to understand and define heterogeneity in Alzheimer’s disease and other related dementias, with the ultimate goal of changing the way Alzheimer’s disease patients are stratified for clinical trials and drug development.

We have an informal culture, driven by robust science and collaborative working environment. Our location within JLABS in San Diego provides access to fitness classes, on-site cafes, and frequent interaction with other life sciences startups.

Job Description
We are looking to recruit an enthusiastic, process-driven, and highly motivated Genomic Data Scientist to work as part of the Vivid Genomics team, in a full-time position set up pipelines for genomic data QC, imputation, and harmonization.

The successful candidate will be comfortable with developing cloud-friendly pipelines integrating and analyzing multiple datasets for genetic association studies, and statistical analysis of variation and its effect in Alzheimer’s disease and related phenotypes. As part of this project you will have the opportunity to work with academic and private collaborators. You will be expected to travel for meetings and conferences where required.

Requirements
• A Masters or PhD (preferred) in statistical genetics, mathematics, statistics, biostatistics, bioinformatics, computational biology, or a related area
• 0-3 years industry experience
• Experience working with human GWAS data
• Expertise in coding languages such as R and/or Python
• Relevant experience and skills in computational biology, bioinformatics, or statistics
• Bioinformatic experience building and running genetic pipelines
• Ability to work effectively with others
• Organized, persistent, and high attention to detail
• Willing to act as an individual contributor

Additional preferred qualifications:

• Proficient in next-generation sequencing data analysis and variant analysis
• Experience dealing with real-world data problems such as versioning, ensuring reproducibility and traceability (for example GitHub)
• Experience and familiarity with neurodegenerative disease phenotypes such as Alzheimer’s disease.
• Experience documenting methods and approaches for IP and scientific communication/publication
• Prior experience in corporate or startup environment, in genomics, biotech, or pharma company

The ability to work within a team and with external collaborators is critical to this position, and excellent communication skills and an ability to work to tight deadlines are essential. The Genomic Data Acquisition Scientist will be required to communicate technical documents and take part in the daily scrum with software developers, as well as provide user-orientated communication with internal users of the systems.

How to Apply

To apply please submit a covering letter and resume to careers@vividgenomics.com.

About Our Organization

At Vivid Genomics, our mission is to use personalized medicine to accelerate drug development and improve care in neurodegenerative diseases, leveraging machine learning, genomics, and deep biological knowledge. We take a collaborative approach, working with academic groups, pharma and biotech companies, and data and tissue biobanks to develop non-invasive, easily accessible tools to stratify patients. We recognize the power and importance of a diverse employee population and strongly encourage applicants with various experiences and backgrounds.