Good Start Genetics, Inc. is seeking a highly motivated Bioinformatics Scientist with expertise in statistical and computational techniques to develop novel computational approaches for analysis of next generation DNA sequencing data. Good Start Genetics, Inc. is located in Cambridge, MA.

Summary:
The individual filling this position will serve as an integral developer of the computational/analytic tools associated with new high-throughput genetic technologies under development. He or she will work as part of cross-functional teams composed of engineers and experimental and computational biologists.

Duties and Responsibilities:
• Independently develop novel approaches to analyzing next generation DNA sequencing data.
• Utilize statistical and machine learning techniques to aide in the interpretation of quantitative genomic data.
• Develop analysis pipelines to process next generation sequencing and other quantitative genomic data.
• Work closely with more experimentally focused scientists to push forward the development of novel molecular genetic technologies.
• Apply rigorous scientific and engineering standards to your specialized knowledge and skills

Knowledge, Skills, and Abilities:
• Education (PhD) and experience in a quantitatively focused field (e.g. bioinformatics, computational biology, computer science, bioengineering, statistics, or mathematics), or commensurate experience with a proven ability to function in a role with this level of responsibility.
• Strong command of statistics and probability and their application to quantitative analyses.
• 2+ years of programming experience with both compiled (Java preferred) and interpreted (Python required) languages. Experience with other languages is a plus.
• Experience and comfort working in a Linux/Unix environment.
• Proven track record analyzing data for next-generation DNA sequencing and/or genomic analysis a strong plus.
• Demonstrated ability to glean novel/key features from large-scale data sets.
• Experience with genome-scale sequence manipulation.
• Experience performing quantitative analyses on large genomic datasets. Willingness to independently analyze results from a next-generation DNA sequencer and help molecular biologists plan follow-on experiments.
• Understanding of molecular biology and human genetics / genomics highly desirable.
• Desire to work in a fast-paced, dynamic environment. Proven teamwork and leadership skills. High creativity. Excellent communication skills and attention to detail.
• Industry or production next generation DNA sequencing experience (e.g., product development and commercialization) a plus.

To Apply:
Be part of a team providing best in class patient care, one test at a time, by submitting your resume and cover letter using the following link: http://www.goodstartgenetics.com/about/open-positions/

Or contact Mark Umbarger (mumbarger@gsgenetics.com) for more information.

Good Start Genetics, Inc. is an Equal Opportunity Employer.