Medley Genomics – Providence, RI
Computational Biology/Bioinformatics Internship

Ready to make a difference for cancer patients? Play a role in changing medicine? Like building start-ups? Willing to work in an environment of nimbleness and uncertainty?
We would love to hear from you.

Medley Genomics is a start-up data science /life sciences venture focused on defining genomic and epigenomic heterogeneity to address fundamental questions in biology, with initial applications in oncology. We are looking for a Computational Biology/Bioinformatics Intern who will partner with our Director of Informatics to support cutting-edge analyses of next-generation DNA/RNA sequencing data from tumor samples. In this role, you will support ongoing efforts to build the foundation for the importance of genomic heterogeneity in individualizing cancer treatment.

Prior experience in genomic data analysis, including familiarity with datasets from The Cancer Genome Atlas (TCGA) or other large-scale cancer sequencing projects, will be a great background for your work at Medley Genomics. You will be intimately involved in using novel, proprietary approaches to analyze cancer datasets from collaborators; optimizing and enhancing the performance of existing software; and support the development of new algorithms to advance Medley Genomics’ analytical toolkit.

We anticipate a time commitment of 25-30 hours/month for a period of 6-months with the pay rate to be determined. As the company secures funding in the future, there is also the possibility of a full-time position dependent on interest and ongoing performance. As the position will be supported through a RI Commerce Innovation Internship the candidate should be local to Rhode Island.

An ideal candidate has:
• Educational experience in computational biology, bioinformatics, computer science, or statistics
• Relevant experience or skills in applying techniques from computational biology, bioinformatics, machine learning, and/or statistics to large DNA/RNA sequencing data sets
• Proficiency with one or more of the following technologies: Java, C/C++, R, Python, Perl, Unix and cloud-based computing
• Proficiency in next-generation sequencing data analysis and variant identification
• A desire to experience the unique challenges and rewards of a start-up environment
• Strong oral and written communication skills as well as strong team player

Other areas of importance:
• Ability to think strategically and assist in shaping the direction of the company
• Big ideas of the future of medicine
• A passion for the patient

To submit your resume for consideration please send to jobs@medleygenomics.com