Title: Scientist/Senior Scientist, Computational Biology

Location: Remote

Who we are:

Founded in 2018, The Bioinformatics CRO is leading the way in creating meaningful and rewarding professional career paths for computational biologists who work remotely. Our globally distributed workforce of top bioinformaticians uses cloud computing to offer quality customized bioinformatics services to academics, pharma, and biotech worldwide, with a focus on genomics. We're based in Florida, but you don't have to be.

Check us out at www.bioinformaticscro.com (flexible moonlighting contract work is also available)

Position description:

You will play a key role in advancing scientific projects around the world. If you like to be challenged by multiple diverse genomics projects this job is for you.

This role is for you if you take ownership over projects and can juggle multiple tasks. You work efficiently and produce quality results. You are self-motivated, a fast learner, and have proven capable of independent work. You will hit the ground running. Your peers think you are exceptional and you always put the team first.

You live anywhere in the world and generally choose when to put in your time (with occasional exceptions for meetings). Part-time is possible if you prefer.

Responsibilities
- Work closely with experimental biologists from biotech, pharma, universities, and research institutes on study design and to analyze large-scale datasets to reach biological conclusions
- Write and version control code and participate in internal peer review of code, methods, and reports
- Communicate research via well written reports and client meetings
- Develop web interfaces and well commented, version-controlled code
- Work collaboratively on projects with employees, contractors, and clients
- Help develop project timelines and resource requirements
- Work with experimental CROs to offer samples-to-results genomics services
- Occasional travel required (e.g. retreats, conferences, client on-sites)
- Whatever needs to be done – it's a small company!

Requirements
- PhD in a quantitative field, preferably computational biology, computer science or biology
- Minimum of 6 years of experience doing primarily computational biology (can include time in PhD)
- Proficiency in both R and python, and experienced in the use of version control

- Strong computational fundamentals including machine learning, algorithms, and data structures
- Experience with large datasets, next-generation sequencing analysis, and high-performance or cluster computing
- Strong biological knowledge and interest; familiarity with biological data resources
- Completion of multiple research projects using functional genomics data
- Excellent written and verbal English skills
- Regular access to a reliable high-speed Internet connection
- Good publication record, including first author publications

Additional requirements for Senior Scientist
- Mastery of both R and python
- Experience in human genetics, single cell genomics, and/or deep learning
- Excellent publication record, including first author publications
- Minimum of 9 years of experience doing primarily computational biology (can include time in PhD)

Preferred
- Experience using AWS for bioinformatics (EC2, S3, SageMaker)
- Experience with RNA-seq, microarrays, whole genome sequencing, whole exome sequencing, genotyping arrays, ChIP-seq, and/or other genomics technologies

Compensation
$100,000-$130,000/year (USD) for full time, depending on qualifications, with generous perks. For those working in the United States we offer health insurance and other benefits. We offer opportunities for career advancement.

How to apply:

- Email grant@bioinformaticscro.com with the subject line "Scientist/Senior Scientist, Computational Biology" (attention to detail matters!)
- Indicate in the email your preference for full time or part time, the location you intend to work, and include your CV or resume
- Please give your preferred timeline for joining, as well as a range of the soonest and latest dates you would be willing to start
- Please briefly address how you meet all the requirements above.
- Applicants are optionally invited to include a link to a Github page or similar
- Please mention if you were referred by someone
- If you are selected for an interview we will email you within a few weeks of receipt
- Note that we are not working with any recruiters