



Computational Biologist

RHI is looking for a **Computational Biologist** to join our team of relentless doers and innovators, to help us deliver game-changing technology and world-class service.

About RHI:

Rajant Health Incorporated (RHI) develops cutting edge technology to create a healthcare assurance ecosystem enabling proactive monitoring and personalized medicine instead of reactive, generalized, healthcare. Our intelligent products make raw data understandable and actionable for researchers, healthcare providers, and everyday humans so we all can live better, healthier lives. Our development programs include an omics analysis platform and a wearable device that uses proprietary algorithms to transform big data into actionable insights for biomedical research and physiological health monitoring.

Overview:

As a Computational Biologist, you will play a critical role in driving the technological advancements of our business. We have an omics analytics platform that enables researchers to independently analyze their sequencing data and rapidly distill their data into meaningful results. Your responsibility will be to aid in adding new features to our workflows and working on innovative research to drive the advancement of omics insights in healthcare.

Responsibilities:

- First week, you'll learn the ins and outs of Rajant Health, the Trovomics product, and get to know the team.
- First month, you will get your arms around our bioinformatics workflows and start working on specific projects.
- First year, you will:
 - Determine the appropriate software packages and computational algorithms to analyze data from large scale biological datasets.
 - Work on a team to develop algorithms for ongoing research projects.
 - Prepare reports for presentation or publication.

Skills:

- A minimum of 2 years of post-undergraduate experience in the fields of sequence analysis, proteomics, antigen design, genomics, bioinformatics, machine learning, algorithm development, molecular biology, sequencing or related computational biology/bioinformatics areas.
- A minimum of 2 years -omics experience specifically with data analysis from High-throughput techniques for RNA, Protein and DNA such as RNA-Seq, Protein profiling studies, ATAC-Seq, smRNA-Seq, Whole Exome Sequencing, Ribo-Seq, Mass-Spec etc.
- Understanding of best practices such as infrastructure as code, automated testing, code reviews, & continuous integration, deployment & testing, self-healing, & software automation.
- Solid, demonstrable experience developing algorithms for solving biological problems. A biology-centric & data-oriented thought process.
- Excellent communication/interpersonal skills to translate biologists/project teams scientific questions into analytical strategies & methods.
- Experienced with databases (SQL, RAFT, NoSQL) and database administration.
- Strong coding skills in Python.
- Strong capability in and deep experience with R as a toolset for data access, data cleaning, statistical analysis, and visualization.
- Experience with high-performance computing environments including cloud infrastructures such as Azure, AWS or Google Cloud.
- Familiarity with JIRA, Monday.com, Confluence, BitBucket, Docker, Jenkins, artifact storage.
- Interacting/working with people; working with a self-organized lean, agile team to mitigate project risks, manage effort, & ensure quality.
- Participation in on-call rotations and incident resolutions.

Education: Scientific background with a BS, MS or PhD degree in Bioinformatics, Computational Biology, Data Science, Machine Learning, Statistics, Genetics or a related Biological computation-centric field.

Employment Type: Regular, Full-Time.

Location: Malvern PA.

Job Schedule: Monday - Friday, 9AM-5PM local time zone with flexible hours as determined by supervisor. **Supplemental Pay Types:** Bonus.

Apply: Please apply at jointheteam@rajant.com.

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www.rajant.com



RHI Benefits:

- 401(k)
- Dental insurance
- Health insurance
- Life insurance
- Paid time off
- Vision insurance
- Work from home (as permitted by supervisor)

Rajant Corporation is an Equal Opportunity Employer and does not discriminate on the basis of race, color, religion, gender, national origin, age, physical or mental impairment, sexual orientation or any other category protected under federal, state or local law. Rajant is a USG Contractor and complies with all US laws, regulations and Executive Orders.

