

Bioinformatics Data Scientist/Analyst

NIH-Bethesda

Apply

Overview

Black Canyon Consulting (**BCC**) is searching for a **Bioinformatics Data Scientist/Analyst** to support our work for the National Center for Biotechnology Information (NCBI) at the National Library of Medicine (NLM), an institute of the National Institutes of Health. This opportunity is full time and onsite at the NIH-NCBI in Bethesda, MD and/or remote work.

The National Center for Biotechnology Information (NCBI) is part of the National Library of Medicine (NLM) at the National Institutes of Health (NIH). [NCBI](#) is the world's premier biomedical center hosting over six million daily users that seek research, clinical, genetic, and other information that directly impacts biomedical research and public health. The National Center for Biotechnology Information (NCBI) is part of the National Library of Medicine (NLM) at the National Institutes of Health (NIH). NCBI is one of the top 400 most visited sites and its wide range of applications serve more users and more data than any other US Government Agency. NCBI provides free access to petabytes of biomedical and genomic information, and scientists all over the world use our products, including PubMed, ClinicalTrials.gov, GenBank, RefSeq, and ClinVar.

Job Description

We are looking for an outstanding candidate to help process and analyze data in NLM-NCBI's RefSeq Virus group. The candidate will be responsible for:

- Collecting, processing, and analyzing biological datasets to support public virus resources
- Developing methodologies and tools for the identification and classification of viral sequences based upon genomic and protein sequence content
- Improving sequence data quality and annotation based on bioinformatic analysis, appropriate scientific literature, and through direct communication with scientists
- Outreach to research scientists, data scientists, and clinicians
- Interacting and collaborating with a diverse group of scientists, bioinformaticians and software developers within and outside the NIH to meet the needs of clinical and basic researchers and public health professionals.

Qualifications:

The ideal candidate must have a doctoral degree and postdoctoral experience.

We are looking for an individual with:

- A track record of research or work in viral genomics and bioinformatics
- Familiarity with virus taxonomy, comparative genomics, and evolutionary processes
- Experience in bioinformatics of DNA and RNA sequence analysis and the development of robust workflows for automated data processing
- Proficiency in at least one scripting language (e.g., Python)
- Experience with SQL
- Ability to work with common structured documents (XML, JSON, CSV)
- Familiarity with NCBI resources and tools
- Experience in interpreting complex biological problems, critically analyzing the scientific literature, and demonstrating a thorough understanding of the strengths and weaknesses of high-throughput experimental datasets
- Excellent verbal and written communication skills, organizational skills, and problem-solving skills
- A proven ability to successfully engage in multi-disciplinary collaborative research

We attract the best people in the business with our competitive benefits package that includes medical, dental and vision coverage, 401k plan with employer contribution, paid holidays, vacation, and tuition reimbursement. If you enjoy being a part of a high performing, professional service and technology focused organization, please apply today!

Apply for this job

* indicates a required field

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Accepted file types: pdf, doc, docx, txt, rtf

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