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Research Scientist

US-MA-Boston

3 weeks ago

Job ID 2019-12755 **Category** Hidden (24997) **Type** full time **Grade** 45

Overview

Located in Boston and the surrounding communities, Dana-Farber Cancer Institute brings together world renowned clinicians, innovative researchers and dedicated professionals, allies in the common mission of conquering cancer, HIV/AIDS and related diseases. Combining extremely talented people with the best technologies in a genuinely positive environment, we provide compassionate and comprehensive care to patients of all ages; we conduct research that advances treatment; we educate tomorrow's physician/researchers; we reach out to underserved members of our community; and we work with amazing partners, including other Harvard Medical School-affiliated hospitals.

The Dana-Farber Cancer Institute seeks a Research Scientist to help further develop the open source Bioconductor Platform. The Bioconductor software ecosystem consists of thousands of software packages for genomic data analysis and genome annotation, contributed by hundreds of independent developers and by a funded investigational core.

Responsibilities

The Research Scientist will be responsible for:

- Supervision of a developer team
- Enhancement of continuous integration methods for testing of package functionality and interoperation
- Analysis and improvement of the Bioconductor web portal
- Development of a long term strategy for data warehousing for exemplary experiments and reference annotation
- Evaluation of strategies for long term residence and maintenance of the ecosystem

Qualifications

- Ph.D. degree and at least 5 years of experience required.
- Software experience in R required.
- Evidence of leadership in scientific administration, including the supervision of research staff required.
- Strong interest in contributing to biological research with clinical applications.
- Experience in modern software development technologies, including distributed versioning systems, continuous integration, and Agile programming practices.

The candidate must demonstrate outstanding personal initiative and the ability to work effectively as part of a team. Ability to meet deadlines and efficiently multitask is a must.

Desirable skills: Prior experience using Bioconductor or developing Bioconductor modules.

Dana-Farber Cancer Institute is an equal opportunity employer and affirms the right of every qualified applicant to receive consideration for employment without regard to race, color, religion, sex, gender identity or expression, national origin, sexual orientation, genetic information, disability, age, ancestry, military service, protected veteran status, or other groups as protected by law.

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