Research Software Engineer, Data Science

Overview

The Department of Data Science at the Dana Farber Cancer Institute (DFCI) seeks candidates with a strong R programming background. As part of the department's mission to collaborate with basic biologists and clinical researchers to better understand cancer and improve treatment, our department develops new statistical methods and data analysis pipelines and implements these as R packages or shiny dashboards. We need help extending and improving these, as well as training our students, postdoctoral faculty and collaborators in best practices and new developments related to R. We are seeking a software engineer to help with these challenges. The department chair will help prioritizing projects and compartmentalize them into manageable units.

The successful candidate will have a unique opportunity to work in an exceptional collaborative environment with experts in a wide range of areas including clinical trials, cancer genetics, immunology, epigenetics, machine learning, Bayesian methods, and alignment algorithms. There is room for growth in this position as the career ladder permits promotion to levels that lead groups of other software engineers. We offer salaries that are competitive with the biotech industry. Remote work is a possibility.

Located in Boston and the surrounding communities, Dana-Farber Cancer Institute is a leader in life changing breakthroughs in cancer research and patient care. We are united in our mission of conquering cancer, HIV/AIDS and related diseases. We strive to create an inclusive, diverse, and equitable environment where we provide compassionate and comprehensive care to patients of all backgrounds, and design programs to promote public health particularly among high-risk and underserved populations. We conduct groundbreaking research that advances treatment, we educate tomorrow's physician/researchers, and we work with amazing partners, including other Harvard Medical School-affiliated hospitals.

Please apply via the following link: [https://ds.dfci.harvard.edu/careers/](https://ds.dfci.harvard.edu/careers/)

For questions, please contact:
Shanyce Hanson, Search Administrator
Department of Data Sciences, Dana-Farber Cancer Institute
Email: chair@ds.dfci.harvard.edu

Background

Located in Boston and the surrounding communities and a teaching affiliate of Harvard, 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 and disease knowledge; we educate tomorrow's physicians and researchers; we reach out to underserved members of our community; and we work with renowned partners, including other Harvard Medical School-affiliated hospitals.

At Dana-Farber Cancer Institute, we work every day to create an innovative, caring, and inclusive environment where every patient, family, and staff member feels they belong. As relentless as we are in our mission to reduce the burden of cancer for all, we are equally committed to diversifying our faculty and
staff. Cancer knows no boundaries and when it comes to hiring the most dedicated and diverse professionals, neither do we. If working in this kind of organization inspires you, we encourage you to apply.

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.

The Harvard T.H. Chan School of Public Health seeks to find, develop, promote, and retain the world’s best scholars. We are committed to upholding the values of diversity, equity, and inclusion in our school and the communities we serve.

We are an equal opportunity employer, and all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, disability status, protected veteran status, gender identity, sexual orientation, pregnancy and pregnancy-related conditions or any other characteristic protected by law.