New York University, in collaboration with U.C. Berkeley and U. Washington, has launched a new five-year, $37.8 million initiative to enable university researchers to harness the full potential of the data-rich world that pervades all fields of science and discovery. This partnership, funded by the Gordon and Betty Moore Foundation and Alfred P. Sloan Foundation, will spur collaborations within and across the three campuses and other partners pursuing similar goals for data-intensive science.

Objective
We are looking for a talented researcher with strong quantitative and computational skills who is interested in a high-profile research project aimed at understanding the development of the academic culture at the frontier of data science. Candidates will help ascertain whether the Data Science initiatives are leading to the desired goals such as:

- increased levels of productive collaboration,
- more widespread adoption of reproducible research practices, and
- more stable and rewarding career paths for Data Scientists on non-traditional research trajectories

Qualifications
Candidates for this Junior Research Scientist Position must have a minimum of a MS/MA degree in Statistics, Computer Science, Data Science, Data Analytics or related technical fields. A candidate with a MS/MA degree in a social science or behavioral science discipline combined with exceptional programming skills would also be considered. Overall, we are more interested in people’s capabilities than in their particular domain area. Higher degrees other than a MS/MA are preferred but not required.

Desired skills include experience in any of the following:

1) statistical and computational methods related to analysis of datasets generated by traditional quantitative methods (survey design and sampling),
2) passive or non-traditional data collection methods (data scraping, crowd-sourcing, text analysis),
3) collecting and analyzing data on social networks,
4) web design and development. We are looking for an individual with expertise in one or more of the areas listed above.

Strong communication skills are also highly desirable.

Responsibilities
Help to identify relevant research questions and participate in design, data collection, and data analysis relevant to tracking the progress of Data Science education, collaboration, tool development, open science practices, career trajectories, and space use. Participate in writing of reports and research articles as well as preparation and presentation of findings for different types of audiences.

The initial appointment will be for a two year period, renewed annually. Funding for this position from the Moore-Sloan Foundations is for five years. However, as part of NYU’s long-term commitment to data science, we are seeking avenues to make the position permanent.

Collaboration
Candidates will work with like-minded and talented students, faculty, and research scientists to help transform the way we perform and integrate data science into the life and science of the university. This will involve collaboration with statisticians, psychometricians, computer scientists, and domain scientists who use and develop Data Science methods.

Compensation
Salary will be commensurate with education and years of experience. Full-time professional research staff are eligible for a comprehensive and competitive benefits program which includes health insurance for the employee and dependents, participation in a retirement plan, and tuition benefits.

To Apply
Applicants should send a resume or curriculum vitae, a brief statement of interests and relevant experience (no longer than 2 pages) to ds-jobs-group@nyu.edu with the subject line “Data Science Evaluation Position”. You must also arrange to have three letters of recommendation sent to us using the same subject line. More information about CDS can be found at http://cds.nyu.edu/.
For more information about the position you may email jennifer.hill@nyu.edu.

Review of applications will begin November 15, 2014.

We will continue to consider new applications until the position is filled.

NYU does not discriminate due to race, color, creed, religion, sex, sexual orientation, gender and/or gender identity or expression, marital or parental status, national origin, ethnicity, citizenship status, veteran or military status, age, disability, unemployment status or any other legally protected basis, and to the extent permitted by law. Qualified candidates of diverse ethnic and racial backgrounds are encouraged to apply for vacant positions at all levels.

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