Faculty Positions in Data Science and Mathematics

New York University: NYU - NY: Courant Institute of Mathematical Sciences: NYU Courant Math and NYU Center for Data Science

Location
New York, NY

Open Date
Aug 27, 2021

Deadline
Dec 01, 2021 at 11:59 PM Eastern Time

Description
The Center for Data Science (CDS) and the Mathematics Department of the Courant Institute of Mathematical Sciences seeks candidates for one (1) tenure-track joint faculty position at the rank of Assistant Professor and one (1) open-rank joint faculty position, anticipated to begin in September 2022. We seek to develop our strengths in statistics, leveraging the connections to data science.

The Center for Data Science (CDS) and the Mathematics Department of the Courant Institute of Mathematical Sciences seek candidates for a joint faculty position, anticipated to begin September 2022. Faculty members are expected to be outstanding scholars and to participate in teaching at all levels from undergraduate to doctoral.

CDS is the focal point for NYU’s university-wide initiative in data science and statistics, established 8 years ago, and one of the country’s leading data science research and training facilities. CDS is a vibrant space with about 18 jointly appointed faculty (growing to over 20 in the next two years) and 11 associated faculty across computer science, mathematics, engineering, neuroscience, linguistics, politics, psychology, physics, biology and business; a list of affiliated faculty spanning a wide range of NYU’s schools and departments, a highly successful undergraduate and Master’s programs, and one of the first Data Science PhD programs. CDS’s research focuses on tools and methods at the intersection between applied
mathematics, data science, high-dimensional statistics, machine learning, optimization, and several data-driven application areas.

The Courant Institute’s Mathematics Department is world-renowned center for applied mathematics (including math for data science and machine learning), scientific computing, PDEs, analysis, probability, geometry and other fields. Courant is also the home of NYU’s department of Computer Science, which is a leader in machine learning and AI, among other fields.

CDS and the Courant Institute (both Math and CS) host vibrant interdisciplinary PhD programs and a number of faculty hold joint appointments at the Center for Data Science and the Courant Institute.

We seek to develop our strengths in statistics, leveraging the connections to data science. We are particularly focused on expanding in the area of Applied and Theoretical Statistics as well as interdisciplinary areas where the innovative and principled use of statistics is of vital importance. Exceptional candidates from other data-science relevant areas, such as optimization and the mathematical foundations of inference and data-representation will be considered as well.

Qualifications
A PhD in Statistics, Computer Science, Mathematics, or a related quantitative field is required.

Application Instructions
Applications can be submitted through our Interfolio application page. Please include a CV, a short statement of your research and teaching interests, and a list of at least three references capable of providing a letter on your behalf. We encourage applicants to include a brief statement describing how your research, teaching, and service contributes to diversity and inclusion. Applications and supporting documents received by December 1, 2021 will receive full consideration.