

Data Scientist - Schmidt DataX Project Princeton University

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Posted Sep. 16, 2020, expired Jan. 18, 2021

Job Title	Data Scientist - Schmidt DataX Project
Department	Center for Statistics and Machine Learning http://www.csml.princeton.edu
Institution	Princeton University Princeton, New Jersey
Date Posted	Sep. 16, 2020
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Research Scientist/Associate
Academic Field(s)	Computer Science
Job Website	https://www.princeton.edu/acad-positions/position/15201
Apply Online Here	https://www.princeton.edu/acad-positions/position/15201

Apply By Email

Job Description

Do you have a strong background in scientific programming, academic research, and are eager to contribute to groundbreaking research? Do you love to write code and analyze data? Then please consider joining our growing team of data scientists!

Princeton University is building a community of data scientists to work in partnership with its world-renowned faculty and students to help solve data-driven research problems. You will work with faculty in a collaborative, multidisciplinary environment and actively contribute your skills to advance scientific discovery and have access to Princeton's first-class resources, the opportunity to co-author academic publications, to offer short courses and workshops on data science, and to collaborate the larger

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computational data science community.

Currently looking for a candidate interested in biomedical data science led by the Department of Computer Science. Prior experience in one of the above areas is an asset. You will be mentored in the relevant research area. This is a 3-year appointment offering a very competitive salary and excellent opportunities for growth and career development. The position is part of the Schmidt DataX project, an initiative made possible by a major gift from Schmidt Futures.

Responsibilities:

- Integrate with interdisciplinary research teams and creatively develop/apply modern data science, statistics, and machine learning techniques to advance research.
- Coding/algorithmic prototyping of relevant analysis methods, including setting clear goals, measuring progress, and the creation of appropriate documentation.
- Collaborate with, educate, convene, and support a broad community of researchers on campus in how to best leverage data science in their teaching and research. This may include contributing to mini-courses and workshops on data science.
- Communicate results and impact to all stakeholders. This may include presenting research at academic conferences and workshops.

Required Qualifications:

- PhD required in computer science or related discipline or equivalent combination of training, experience, and accomplishments.
- Strong coding/algorithm prototyping skills, and ability to explain and document work.
- Proficiency in one or more of the following: Python, C, C++, SQL
- Experience working in data analysis/statistics/machine learning/scientific computer to address basic research questions; or commensurate achievements

Additional Desired Qualifications:

- Strong problem-solving skills; a passion for answering hard questions with data.
- Strong computer science experience and machine learning
- Able to analyze large repositories of biomedical data
- The ability to communicate complex ideas to relevant stakeholders.
- Experience in a collaborative, multi-disciplinary research environment
- Eagerness to collaborate with both technical and non-technical colleagues.
- Experience in database design and building data-driven web applications

Princeton provides an exceptional work environment that includes a comprehensive set of programs and benefits for you, your spouse or domestic partner, and your family including: competitive health, dental, vision and life insurance; generous vacation and sick leave packages; retirement planning with

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a generous company match; competitive parental leave; Backup Care Advantage for child or elder care. Access application at <https://www.princeton.edu/acad-positions/position/15201>.

Please include a cover letter (preferred) or writing sample, curriculum vitae, and names and contact information of three references. References will only be contacted if you are a finalist. This position is subject to the University's background check policy.

EEO/AA Policy

Princeton University is an Equal Opportunity/Affirmative Action Employer and all qualified applicants will receive consideration for employment without regard to age, race, color, religion, sex, sexual orientation, gender identity or expression, national origin, disability status, protected veteran status, or any other characteristic protected by law. EEO IS THE LAW

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

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