

Available Postdoc Position

RUA

Position ID Number	100008
Supervisor Name	Data Science
Supervisor Title	Stanford Data Science
Phone Number	
Supervisor Email	datascience@stanford.edu
Lab Website	https://datascience.stanford.edu
Affiliated Institution	Stanford
Contact Name	
Contact Title	
Contact Email Address	
Contact Phone Number	
Date of Best Consideration	12/20/21
Application Close Date	12/20/21
Anticipated Start Date	9/1/22
Job Website	https://datascience.stanford.edu/data-science-postdocs
Job Location	Stanford, CA
Is remote work possible?	No
CIP Codes	7.13 Computational Science 2.3 Statistics

Job Description

Data Science Fellows work both within and at the boundaries between data science methods and the domains of scholarship that utilize data science to discover and create new knowledge. They will lead independent, original research programs with impact in one or more research domains and in one or more methodological domains (computer science, statistics, applied mathematics, etc).

Ideal candidates will have earned a PhD in either a methods or applied discipline with demonstrated skills and experience in one of the other complementary areas (as examples: a PhD in statistics with applications to physics, or a PhD in biology with extensive use of machine learning). Successful candidates will bring a research agenda that can take advantage of the unique intellectual opportunities afforded by Stanford University, and will have experience in working with researchers across different fields. Their research results will be published in technical reports, open-source software, peer-reviewed journals as well as presented at scientific conferences. Ideal candidates will have experience and interests in Recent PhD (graduation between 2017 and September 2022) with experience in a complementary field(s).

Excellent experience in their PhD discipline

Excellent knowledge of advanced software engineering, computer science and/or statistics

Demonstrated commitment to reproducibility and open research through existing public release of research data and software code

Excellent verbal and written communication and presentation skills necessary to author technical and scientific reports, publications, invited papers, and to deliver scientific presentations, seminars, meetings and/or teaching lectures.

Experience collaborating effectively with a team of scientists of diverse backgrounds.

Required Qualifications

Desired Qualifications	<p>Experience in developing curriculum and teaching.</p> <p>Experience developing open-source research software used by a community beyond their lab.</p> <p>Experience building inclusive communities of practice around data science that are diverse and equitable for all.</p>
Minimum Monthly Salary	\$0
Maximum Monthly Salary	\$0
Special Instructions for Applicants	
Opportunities for teaching?	Yes
Opportunities for supervision/mentoring?	Yes
Opportunities for communitiy outreach?	Yes
Position keywords	Data Science Science of Data Science Applied Data Science Community Building