Available Postdoc Position

RUA

Position ID Number	100012
Supervisor Name	Lucas Janson
Supervisor Title	Assistant Professor
Phone Number	
Supervisor Email	ljanson@fas.harvard.edu
Lab Website	http://lucasjanson.fas.harvard.edu/
Affiliated Institution	Harvard University
Contact Name	Molly Marshall
Contact Title	Faculty Coordinator
Contact Email Address	mmarshall@seas.harvard.edu
Contact Phone Number	
Date of Best Consideration	10/1/21
Application Close Date	6/1/22
Anticipated Start Date	9/5/22
Job Website	https://academicpositions.harvard.edu/postings/10774
Job Location	Cambridge, MA
Is remote work possible?	No
CIP Codes	1.10 Electrical, Electronics and Communications Engineerin 2.3 Statistics 2.2 Applied Mathematics

Job Description	The Harvard branch of the AI Institute in Dynamic Systems (http://dynamicsai.org/) invites applications for a postdoctoral fellowship in the multidisciplinary study of AI for dynamics and control, and in particular the safety, robustness, and scalability of reinforcement learning algorithms, and/or the learning of physically interpretable models of dynamic systems from data. The candidate will have opportunities to work collaboratively with a group of faculty from Electrical Engineering and Applied Mathematics (Na Li), Statistics and Computer Science (Lucas Janson), and Applied Mathematics and Applied Physics (Michael Brenner) on fundamental AI and machine learning theory, algorithms, and applications for real-time learning and control of complex dynamic systems. Candidates should suggest at least two of these faculty as potential advisors for their proposed research. The duration of the fellowship will be one year with the possibility of extending for an additional year.
Required Qualifications	Ph.D. in statistics, electrical engineering, computer science, applied mathematics, or any related field by the start date. Good teamwork and communication skills.
Desired Qualifications	
Minimum Monthly Salary	$0
Maximum Monthly Salary	$0
Special Instructions for Applicants	A complete application must include a curriculum vitae, 2-4 letters of reference, three publication samples, and an optional 1-2 page statement of research.
Opportunities for teaching?	Yes
Opportunities for supervision/mentoring?	Yes
Opportunities for communitiy outreach?	Yes
Position keywords	Artificial Intelligence Reinforcement Learning Control Theory Dynamic Modeling