

Intelligent Systems and Web-Based Cyberinfrastructures
Postdoctoral Research Scholar
University of Iowa

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Posted Jul. 15, 2024, set to expire Nov. 14, 2024

Job Title	Intelligent Systems and Web-Based Cyberinfrastructures Postdoctoral Research Scholar
Department	IIHR - Hydroscience and Engineering https://www.iihr.uiowa.edu/
Institution	University of Iowa Iowa City, Iowa
Date Posted	Jul. 15, 2024
Application Deadline	Open until filled
Position Start Date	Available Immediately
Job Categories	Post-Doc
Academic Field(s)	Computer Engineering Computer Science Engineering - Other
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Job Description	

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We are seeking a highly motivated postdoctoral research scholar to join our research program at Hydroinformatics Lab within IIHR Hydroscience & Engineering and the College of Engineering at the University of Iowa. The initial appointment is full-time for one year with the possibility of renewal subject to satisfactory performance and continued funding. Research will fall within the broad topics of artificial intelligence with a focus on large language models and web development technologies. The research team is open to individuals from computer science and other informatics and data science backgrounds and encourages all qualified applicants to apply. This position is available immediately and the start date is as soon as feasible. Pay is commensurate with experience.

The successful candidate will have the opportunity to work closely with faculty, staff, and students at the Hydroinformatics Lab and IIHR Hydroscience & Engineering, a national and global leader in environmental and fluids-related research, education, and service. The University of Iowa is one of the nation's top public research universities and is known around the world for its balanced commitment to the arts, sciences, and humanities. The University of Iowa is in Iowa City, a community built around higher education, with vibrant cultural opportunities and a long history of international connections, leadership, and accomplishment. Iowa City offers the safe, friendly quality of life for which the Midwest is known. Information regarding some of the resources that the University of Iowa and the local area provide can be found [here](#).

Education Requirement:

Ph.D. in a relevant computer engineering, computer science, informatics, or data science field

Desirable Qualifications:

Experience in designing and developing machine learning and deep learning systems

Running machine learning tests and experiments

Experience in developing, testing, and maintaining rich web applications and intuitive user interfaces

Experience with cloud services and agile development

Proficient in relational databases (e.g., PostgreSQL)

Experience with server management and tools (e.g., Nginx)

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EEO/AA Policy

The University of Iowa is an equal opportunity/affirmative action employer. All qualified applicants are encouraged to apply and will receive consideration for employment free from discrimination on the basis of race, creed, color, religion, national origin, age, sex, pregnancy (including childbirth and related conditions), disability, genetic information, status as a U.S. veteran, service in the U.S. military, sexual orientation, gender identity, or associational preferences.

Contact Information

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

Contact Paul Oh
HR
University of Iowa
Iowa City, IA

Phone Number 319-335-5078
Contact E-mail paul-oh@uiowa.edu