Assistant Professor of Machine Learning, University of Wisconsin Madison, College of Engineering, United States.

Description

Position Summary:
The College of Engineering at the University of Wisconsin-Madison seeks faculty candidates for up to three tenure-track faculty positions in the areas of basic research in Machine Learning (ML), Artificial Intelligence (AI), and Data Science (DS). Strong candidates will also have experience applying their basic research experience to problems in science and engineering. Application areas of interest include (but are not limited to) imaging systems and computer vision, robotics and autonomous systems, smart and interconnected systems, sensing and controls, biomedicine, and materials science. The faculty members will be appointed as Fellows within the Grainger Institute for Engineering (graingerinstitute.engr.wisc.edu).

The Grainger Institute serves as a research incubator within the College of Engineering. The Institute fosters a trans-disciplinary research and educational environment and provides the infrastructure to address grand technological challenges. New research directions will be launched and nurtured within the Institute, with current targeted efforts focused on advanced manufacturing, energy and sustainability, biomanufacturing, neuroengineering, sensors and sensing, smart and connected healthcare, and enhancing broad computational expertise relevant to data, design, prediction, and modeling/simulation.

Principal Duties:
The Grainger Institute Fellows will have a tenure home in one or more academic departments within the College of Engineering. They will be expected to maintain a world-class extramurally funded graduate research program on technological problems that are relevant to the needs of the profession and of society. They will teach and contribute to the education as well as the professional development of undergraduate and graduate students, and engage in department, college, university, community, and professional service activities as appropriate.

Institutional Statement on Diversity:
Diversity is a source of strength, creativity, and innovation for UW-Madison. We value the contributions of each person and respect the profound ways their identity, culture, background, experience, status, abilities, and opinion enrich the university community. We commit ourselves to the pursuit of excellence in teaching, research, outreach, and diversity as inextricably linked goals.

The University of Wisconsin-Madison fulfills its public mission by creating a welcoming and inclusive community for people from every background - people who as students, faculty, and staff serve Wisconsin and the world.

For more information on diversity and inclusion on campus, please visit: Diversity and Inclusion

Degree and Area of Specialization:
Ph.D. in an engineering or closely related field and demonstrated excellence in research and teaching. Candidates with truly outstanding accomplishments in any area of research in Machine Learning (ML), Artificial Intelligence (AI), and Data Science (DS) will be considered for the positions.

Minimum Years and Type of Relevant Work Experience:
Candidates will have a distinguished academic record, exceptional potential in establishing a state-of-the-art research program, and a commitment to high-quality undergraduate and graduate instruction. Candidates are required to qualify for a tenure track appointment in a College of Engineering academic department.
The College of Engineering is seeking a diverse set of faculty candidates who will deepen our college's research strength in key areas of current and future research promise, as well as faculty candidates who will approach their work in a manner that advances our commitment to diversity. Candidates from groups that are traditionally under-represented in engineering are strongly encouraged to apply.

Additional Information:
A competitive recruitment and selection process was conducted for this employment opportunity and a U.S. worker was not selected. An application for Alien Employment Certification is being filed on behalf of an alien to fill the employment opportunity. Anyone with documentary evidence relative to the application, or available workers, wages and/or working conditions, may contact the Regional Certifying Office of the Department of Labor at the following address:

U.S. Department of Labor
Employment and Training Administration
Foreign Labor Certification National Processing Center
Harris Tower
233 Peachtree Street, Suite 410
Atlanta, GA 30303
Phone: 404-893-0101
Fax: 404-893-4642

Department(s):
A192500-COLLEGE OF ENGINEERING/ELECTRICAL & COMPUTER ENG
A190300-COLLEGE OF ENGINEERING/GRAINGER INST
A195000-COLLEGE OF ENGINEERING/INDUSTRIAL & SYSTEMS ENGR
A196200-COLLEGE OF ENGINEERING/MECHANICAL ENGR

Work Type:
Full Time: 100%

Appointment Type, Duration:
Ongoing/Renewable

Anticipated Begin Date:
AUGUST 19, 2019

Salary:
Negotiable
ACADEMIC (9 months)

Instructions to Applicants:
The position has been filled. This posting is mandatory to meet a United States Department of Labor requirement. See the job posting for more details.

Contact:
Katrina Olson
katrina.olson@wisc.edu
608-263-3468
Relay Access (WTRS): 7-1-1 (out-of-state: TTY: 800.947.3529, STS: 800.833.7637) and above Phone number (See RELAY_SERVICE for further information.)

Official Title:
ASSISTANT PROFESSOR(C40NN)

Employment Class:
Faculty

Job Number:
100465-FA

The University of Wisconsin is an Equal Opportunity and Affirmative Action Employer. We promote excellence through diversity and encourage all qualified individuals to apply.

If you need to request an accommodation because of a disability, you can find information about how to make a request at the following website: employeedisabilities.wisc.edu/disability-accommodation-information-for-applicants

The University of Wisconsin-Madison is engaged in a Title and Total Compensation (TTC) project to redesign job titles and compensation structures. As a result of the TTC project, official job titles on current job postings may change in Spring 2020. Job duties and responsibilities will remain the same. For more information please visit: hr.wisc.edu/title-and-total-compensation-study.

Employment will require a criminal background check. It will also require you and your references to answer questions regarding sexual violence and sexual harassment.

The University of Wisconsin System will not reveal the identities of applicants who request confidentiality in writing, except that the identity of the successful candidate will be released. See Wis. Stat. sec. 19.36(7).

The Annual Security and Fire Safety Report contains current campus safety and disciplinary policies, crime statistics for the previous 3 calendar years, and on-campus student housing fire safety policies and fire statistics for the previous 3 calendar years. UW-Madison will provide a paper copy upon request; please contact the University of Wisconsin Police Department.

Advertised: 19 Nov 2019 Central Standard Time

Applications close: 29 Jan 2020 Central Standard Time