

Assistant Professor (AI)
University of Florida

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Posted Sep. 29, 2021, set to expire Jan. 29, 2022

Job Title	Assistant Professor (AI)
Department	Herbert Wertheim College of Engineering: 19020000 - EG-MECHANICAL / AEROSPACE ENG https://mae.ufl.edu/
Institution	University of Florida Gainesville, Florida
Date Posted	Sep. 29, 2021
Application Deadline	Open Until Filled
Position Start Date	August 2022
Job Categories	Assistant Professor
Academic Field(s)	Mechanical Engineering Aerospace/Aeronautical/Astronautics Engineering - Other
Job Website	https://facultyjobs.hr.ufl.edu/posting/94498
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Job Description	

JOB DESCRIPTION

The Department of Mechanical & Aerospace Engineering in the Herbert Wertheim College of Engineering (HWCOE) at the University of Florida invites applications for a full-time, nine-month tenure-track faculty position in AI real-time data integration and machine learning for Digital Twins at the rank of Assistant Professor. This position has an anticipated start date of August 2022.

As part of the University of Florida's AI 100 initiative, we are seeking candidates in Digital Twins,

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especially applicants who can leverage AI and machine learning methods for uncertainty quantification, probabilistic modeling, and robust and reliable decision making. The faculty member will be expected to teach undergraduate and graduate courses within the mechanical and aerospace engineering curricula; initiate and sustain externally sponsored research programs; recruit and supervise graduate students; and engage in service activities for the University and the profession.

The Department of Mechanical & Aerospace Engineering at the University of Florida (<https://mae.ufl.edu/>) has over 60 faculty members working in all aspects of mechanical and aerospace engineering and is expected to grow over the upcoming years. The total student population is approximately 2500 with nearly 200 in the PhD program. The latest US News & World Report has MAE ranked as 16 and 15 for the aerospace and mechanical engineering programs, respectively, among graduate engineering public universities in the US. The University of Florida is the flagship campus of the State of Florida university system and is ranked as the #5 best public US university according to US News & World Report. UF recently announced a \$70 million artificial intelligence partnership with NVIDIA to create an AI-centric data center that houses the world's fastest AI supercomputer in higher education. Of relevance to this new faculty position, the HWCOE is in the process of creating the programmatic backbone to UF's efforts to change the future of education and workforce development through university-wide AI training and experiential learning efforts.

JOB QUALIFICATIONS

Applicants must possess a PhD in a related field by the start date. Dedication to excellence in research, teaching, and service, and evidence of scholarly achievements are required. The candidate should have a record of or demonstrate the potential for successful proposal writing, PhD student mentoring, scholarship, and classroom teaching.

INSTRUCTIONS

The search committee will begin reviewing applications immediately, with the first full committee screening occurring on, October 15, 2021 and will continue to receive applications until the position is filled. All applications must be submitted through Interfolio at: <https://facultyjobs.hr.ufl.edu/>. (Please see Job Requisition #82039). Complete applications must include the following files in PDF format: (1) cover letter including summary, introduction related to hiring emphasis areas, and any synergies with current UF faculty; (2) a curriculum vitae; (3) a statement describing the applicant's experience in enhancing diversity, equity and inclusion through research, teaching, or service, and vision for promoting a more inclusive experience at the University of Florida; (4) a research program vision statement detailing short- and long-term goals; (5) a teaching statement describing the applicant's teaching experience and vision for developing a teaching program at the University of Florida; (6) up to three refereed journal or conference articles (co-)authored by the applicant; and (7) the names, addresses, phone numbers, and email addresses of no less than three and up to five references. To

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be competitive, candidates for this faculty position should submit a cover letter, research statement, and education vision statement that complement the overall mission of the department. The cover letter should be addressed to: Prof. Nam-Ho Kim.

The selected candidate will be required to provide an official transcript to the hiring department upon hire. A transcript will not be considered “official” if a designation of “Issued to Student” is visible. Degrees earned from an educational institution outside of the United States are required to be evaluated by a professional credentialing service provider approved by National Association of Credential Evaluation Services (NACES).

Questions about this position may be directed to Prof. Nam-Ho Kim, Department of Mechanical & Aerospace Engineering, University of Florida, nkim@ufl.edu.

The University of Florida is an equal opportunity employer. Women and minorities are encouraged to apply. The “government in the sunshine” laws of Florida require that all documents relating to the search process, including letters of application/nomination and reference, be available for public inspection. If an accommodation due to a disability is needed to apply for this position, please call (352) 392-2HRS or the Florida Relay System at (800) 955-8771 (TDD). Hiring is contingent upon eligibility to work in the US.

University of Florida values broad diversity in its faculty, students, and staff, and creates an inclusive and welcoming climate for learning, research, and other work. We strongly encourage applications from women, members of groups that are underrepresented in the profession, individuals with disabilities, and veterans. The college of engineering has a policy of non-discrimination with respect to race, creed, color, religion, age, disability, sex, sexual orientation, gender identity and expression, marital status, national origin, political opinions or affiliations, genetic information and veteran status as protected under the Vietnam Era Veterans' Readjustment Assistance Act. According to Florida law, applications and meetings regarding applications are open to the public on request.

EEO/AA Policy

The University of Florida is committed to non-discrimination with respect to race, creed, color, religion, age, disability, sex, sexual orientation, gender identity and expression, marital status, national origin, political opinions or affiliations, genetic information and veteran status in all aspects of employment including recruitment, hiring, promotions, transfers, discipline, terminations, wage and salary administration, benefits, and training.



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Contact Information

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

Contact

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