Tenure-Track Assistant Professor, Electrical and Computer Engineering
University of Delaware

Job Title Tenure-Track Assistant Professor, Electrical and Computer Engineering

Department Electrical and Computer Engineering

Institution University of Delaware
Newark, Delaware

Date Posted Nov. 13, 2024

Application Deadline Open until filled

Position Start Date Available immediately

Job Categories Assistant Professor

Academic Field(s) Electrical and/or Electronics

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Job Description

University of Delaware
Equal Employment Opportunity Statement

The University of Delaware is an Equal Opportunity Employer which encourages applications from Minority Group Members, Women, Individuals with Disabilities and Veterans. The University's Notice of Non-Discrimination can be found at http://www.udel.edu/aboutus/legalnotices.html

Job No:501411
Work Type: Faculty
Location: Newark
Categories:

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Electrical & Computer Engineering, Full Time

Faculty Position in Artificial Intelligence

(Assistant Professor)

The Department of Electrical and Computer Engineering (ECE) at the University of Delaware (UD) invites applications for a full-time tenure-track assistant professor position to begin August 2025.

The search seeks candidates conducting research in Artificial Intelligence and Machine Learning in domains including cybersecurity, networks, communications, controls and dynamical systems, and information sciences. Fundamental advancements in algorithms or implementation are highly encouraged, as are additional multidisciplinary interests that explore connections with topics or fields such as biology, healthcare, mathematics, statistics, physics, nanotechnology, chip design, advanced manufacturing, software security, and autonomous, computer, cyber-physical, robotics, and energy systems.

The University of Delaware combines a rich historic legacy in science and engineering with a commitment to undergraduate education and scholarly excellence. A Carnegie R1 institution with external funding exceeding $200 million, the College of Engineering ranks among the top 40 nationally. The ECE Department has active undergraduate and graduate programs in electrical engineering, computer engineering and cybersecurity (including a BS in Cybersecurity Engineering), and a diverse portfolio of research in the areas related to artificial intelligence including machine learning, data science, cybersecurity, computer engineering, communications, signal processing, and controls. In addition to state-of-the-art teaching and research facilities on Main Campus, faculty in ECE and the Department of Computer and Information Sciences share approximately 11,000 sqft at UD's new FinTech Innovation Hub, bringing together research groups in areas of machine learning, AI, cybersecurity, and high-performance computing.

Applicants should have a Ph.D. in computer engineering, computer science, electrical engineering or a closely related field at the time of hire. Candidates are expected to show exceptional promise for, or a proven record of, cross-disciplinary and multi-disciplinary research achievements, as well as commitment for excellence in undergraduate and graduate education. They will be expected to secure external sources of funding to develop a strong research program and to achieve a position of leadership in their field of study.

Applicants should submit the following materials in PDF format: (1) a cover letter (clearly mentioning

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the applicant's primary research area), (2) a complete CV with publications, (3) names of four references with contact information, (4) a statement of research vision and how it complements departmental strengths, (5) a teaching statement, including a discussion of commitment to diversity and inclusivity, and (6) three sample publications. Questions may be addressed to the search committee chair, Professor Fouad Kiamilev, at kiamilev@udel.edu. Review of applications will begin on January 2nd, 2025 and will continue until the position is filled. Applications received on or before January 2nd will receive full consideration. The University of Delaware is committed to diversity in hiring; women and people from diverse cultures and backgrounds are especially encouraged to apply. The University is supportive of the needs of dual-career couples. All possible discretion will be exercised to maintain the privacy of applicants through the search process.

The University of Delaware is an Equal Opportunity Employer which encourages applications from Minority Group Members and Women.

Notice of Non-Discrimination, Equal Opportunity and Affirmative Action
The University of Delaware does not discriminate against any person on the basis of race, color, national origin, sex, gender identity or expression, sexual orientation, genetic information, marital status, disability, religion, age, veteran status or any other characteristic protected by applicable law in its employment, educational programs and activities, admissions policies, and scholarship and loan programs as required by Title IX of the Educational Amendments of 1972, the Americans with Disabilities Act of 1990, Section 504 of the Rehabilitation Act of 1973, Title VII of the Civil Rights Act of 1964, and other applicable statutes and University policies. The University of Delaware also prohibits unlawful harassment including sexual harassment and sexual violence.

Contact Information

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

Contact   UD Careers
Electrical and Computer Engineering
University of Delaware

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