Assistant/Associate Professor - Electrical and Computer Engineering - AI
Colorado State University

Job Title	Assistant/Associate Professor - Electrical and Computer Engineering - AI
Department	Electrical and Computer Engineering
	https://www.engr.colostate.edu/ece/
Institution	Colorado State University
	Fort Collins, Colorado
Date Posted	Dec. 10, 2024
Application Deadline	01/05/2025
Position Start Date	Aug. 15, 2025
Job Categories	Associate Professor
	Assistant Professor
Academic Field(s)	Computer Engineering
	Electrical and/or Electronics
Job Website	https://jobs.colostate.edu/postings/152843
Apply Online Here	https://jobs.colostate.edu/postings/152843
Apply By Email	

Job Description

The Department of Electrical and Computer Engineering (ECE) at Colorado State University (CSU) seeks outstanding candidates for a tenure-track assistant/associate professor position, with a research focus on foundations and/or applications of AI for addressing fundamental challenges within the broad discipline of Electrical and Computer Engineering. The opening is part of an AI cluster tenure-track faculty search by CSU's Walter Scott Jr College of Engineering. Candidates can select ECE as their home department in their applications. To ensure full consideration applications must be received by

January 5, 2025.

Example areas of interest within ECE include foundations and applications of AI for radars, satellites, remote sensing, and climate science; high-power lasers and photonics; biomedical imaging and image processing; networking, cyber-physical systems, and embedded/IoT systems; high-performance computing; control, signal processing, and robotics. The Department has world-renowned programs and facilities in weather radar, remote sensing, and high-power lasers. The department has been a leader in two NSF engineering research centers in these areas. It houses state-of-the-art CSU-CHILL and CSU Sea-Pol weather radar facilities and the high-power ALEPH laser facility, generating large volumes of real data that can be used to facilitate applications of AI in remote sensing and high energy lasers. The Department is also the lead institution of LaserNetUs and will soon break ground on a $150M laser center in collaboration with Marvel Fusion. The Department has strong AI-related research programs in developing next-generation computing, networking, cyber-physical systems, and embedded/IoT systems for engineering efficient, sustainable, and ethical solutions. These efforts are further supported by strong research groups on the foundations and applications of AI in control, signal processing, biomedical imaging, and robotics. The Department has 23 tenured and tenure-track faculty members, 400+ undergraduate students, and 150+ graduate students. Many of the faculty members hold courtesy appointments in the departments of Computer Science, Mathematics, Physics, and Statistics, and collaborate with faculty in these and other departments. The Department boasts one Fellow of the National Academy of Engineering, one Fellow of the National Academy of Inventors, and a large fraction of IEEE Fellows among its full professors.

EEO/AA Policy

Colorado State University is committed to providing an environment that is free from discrimination and harassment based on race, age, creed, color, religion, national origin or ancestry, sex, gender, disability, veteran status, genetic information, sexual orientation, gender identity/expression, or pregnancy in its employment, programs, services and activities, and admissions, and, in certain circumstances, marriage to a co-worker. The University will not discharge or in any other manner discriminate against employees or applicants because they have inquired about, discussed, or disclosed their own pay or the pay of another employee or applicant. Colorado State University is an equal opportunity and equal access institution and affirmative action employer fully committed to achieving a diverse workforce and complies with all Federal and Colorado State laws, regulations, and executive orders regarding non-discrimination and affirmative action. The **Office of Equal Opportunity** is located in 101 Student Services.

Assistant/Associate Professor - Electrical and Computer Engineering - AI
Colorado State University

The Title IX Coordinator is the Director of the Office of Title IX Programs and Gender Equity, 123 Student Services Building, Fort Collins, CO 80523-0160, (970) 491-1715, **titleix@colostate.edu**.

The Section 504 and ADA Coordinator is the Director of the Office of Equal Opportunity, 101 Student Services Building, Fort Collins, CO 80523-0160, (970) 491-5836, **oeo@colostate.edu**.

The Coordinator for any other forms of misconduct prohibited by the University's Policy on Discrimination and Harassment is the Vice President for Equity, Equal Opportunity and Title IX, 101 Student Services Building, Fort Collins, Co. 80523-0160, (970) 491-5836, **oeo@colostate.edu**.

Any person may report sex discrimination under Title IX to the **Office of Civil Rights, Department of Education**.

Contact Information

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

Contact	Laurel Donahue
	Walter Scott, Jr. College of Engineering
	Colorado State University
	CD 1301, Walter Scott, Jr. College of Engineering
	Fort Collins, CO 80523

Phone Number	(970) 491-1437
Contact E-mail	laurel.donahue@colostate.edu