AI and Machine Learning Assistant Professor/Professional Practice Assistant Professor
Utah State University

Job Title	AI and Machine Learning Assistant Professor/Professional Practice Assistant Professor
Department	Electrical & Computer Engineering
Institution	Utah State University Logan, Utah
Date Posted	Oct. 30, 2025
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Prof of Practice/Clinical Prof Assistant Professor
Academic Field(s)	Electrical and/or Electronics
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Job Description

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AI and Machine Learning Assistant Professor/Professional Practice Assistant Professor

Requisition ID: 2024-8433
# of Openings: 2
Location: US-UT-Logan
Category: Faculty
Position Type: Benefited Full-Time
Job Classification:

AI and Machine Learning Assistant Professor/Professional Practice Assistant Professor
Utah State University

Faculty
College: College of Engineering
Department: Electrical & Computer Engineering
Advertised Salary: Commensurate with experience, plus excellent benefits

Overview
Utah State University's Department of Electrical and Computer Engineering (ECE) invites applications to fill two faculty positions in Artificial Intelligence and Machine Learning (AI/ML): one tenure-track position (research and teaching) and one professional practice position (teaching emphasis). It is expected that these positions will be filled at either the Assistant or Associate Professor level. We seek applicants with cross-disciplinary backgrounds whose expertise lies at the intersection of AI/ML and electrical engineering. Preference will be given to applicants whose research and/or work experience applies AI/ML to problems in electrical engineering including but not limited to:

- Signal processing, communications, radar
- Control, robotics, drones/UAVs
- Electromagnetics, antennas
- Speech and natural language processing
- Remote sensing, computer vision
- Electric power systems
- Cybersecurity, computer networks, cryptography

The search committee will begin reviewing applications on November 1, 2024, and continue until the position is filled. Possible start dates, coinciding with USU's semester schedule, are January 2025 and August 2025.

Responsibilities
Successful candidates for the tenure-track position will be expected to develop an externally funded research program that includes peer-reviewed publications and graduate student mentorship. Both tenure-track and professional practice positions are expected to effectively teach undergraduate and graduate courses, actively participate in assigned department and university duties, and serve their professional society. Ideal candidates will have an interest in developing new courses and degree programs in AI/ML and its applications to engineering.

Qualifications
Minimum Qualifications - Tenure Track Appointment

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1. An earned doctorate degree in Electrical Engineering, Computer Engineering, Computer Science, Mathematics, Statistics, or a closely related discipline.
2. An ability to conduct and disseminate research that applies AI/ML to problems in the electrical engineering domain.
3. An ability to develop courses in AI/ML and effectively teach undergraduate and graduate level courses in AI/ML and the candidate's specific area of research emphasis in accordance with departmental needs.
4. An ability to apply for and secure ongoing external funding.

Preferred Qualifications - Tenure Track Appointment

1. Preference will be given to candidates with experience building and deploying AI/ML systems.

Minimum Qualifications - Professional Practice Appointment

1. An earned MS degree in Electrical Engineering, Computer Engineering, Computer Science, Mathematics, Statistics, or equivalent work experience.
2. Strong industrial, commercial, consulting, or research experience in AI/ML systems.
3. An ability to develop courses in AI/ML and effectively teach undergraduate and graduate level courses in AI/ML and the candidate's specific area of research emphasis in accordance with departmental needs.
4. Effective written and oral communication skills.
5. Demonstrated strong organizational skills.

Preferred Qualifications - Professional Practice Appointment

1. Effective teaching or mentoring experience.
2. Advanced degree in Electrical Engineering, Computer Engineering, Computer Science, Mathematics, Statistics or a closely related discipline.

Required Documents
Along with the online application, please attach:

1. Resume/CV to be uploaded at the beginning of your application in the Candidate Profile under "Resume/CV".

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The documents listed below to be uploaded at the beginning of your application in the Candidate Profile under "Documents 1-10":

1. Cover letter summarizing your motivation, qualifications, experience, and career goals.
2. A concise statement of your proposed research program including how your research synthesizes AI/ML and engineering topics.
3. A brief teaching statement that explains your approach to teaching and describes AI/ML courses you would like to develop and existing ECE courses you would like to teach.
4. Names and contact information of three professional references (reference letters will only be solicited from final candidates).

Document size may not exceed 10 MB.

Advertised Salary
Commensurate with experience, plus excellent benefits

ADA
Employees typically work indoors and are protected from weather and/or contaminants, but not, necessarily, occasional temperature changes.

College/Department Highlights
The Department of Electrical and Computer Engineering (http://ece.usu.edu) offers BS, ME, MS, and PhD degrees. It has approximately 20 tenured/tenure track faculty, 100 graduate students, and 300 undergraduate students. The ECE Department offers strong graduate programs at the masters and PhD levels.

University Highlights
Founded in 1888, Utah State University is Utah's premier land-grant, public service university. As an R1 research institution, Utah State is dedicated to advancing knowledge and serving the public good through innovative research and scholarly activities that are grounded in reciprocal engagement with local, regional, and global communities. USU prepares students to be active, civically engaged leaders who are prepared to address critical societal challenges. Dedicated to providing a high-quality and affordable education, USU remains a leader in research, discovery, and public impact.

USU enrolls 28,900 students, both online and in person at locations throughout the state. Utah State's

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30 locations include a main campus in Logan, Utah, residential campuses in Price and Blanding, and six additional statewide campuses, along with education centers serving every county. USU Online educates students from all 50 states and 55 countries. For over 25 years, USU Extension has served and engaged Utahns in all of Utah's counties.

Competing at the NCAA Division I level, USU is a proud member of the Mountain West Conference and will join the Pac-12 Conference beginning in the 2026-2027 season. The Aggies' long-standing tradition of athletic and academic excellence is exemplified by conference championships in multiple sports, reflecting USU's commitment to perseverance and achievement.

Utah State is dedicated to fostering a community where all individuals feel respected, valued, and supported. We seek to recruit, hire, and retain people from all walks of life who will champion excellence in education, research, discovery, outreach, and service. We believe that promoting a strong sense of community and belonging empowers and engages all members of USU to thrive and be successful. Forbes recognized our commitment to employees when they named Utah State the best employer in Utah in 2023. Learn more about USU.

The university provides a Dual Career Assistance Program to support careers for partners who are also seeking employment. Additionally, USU is committed to providing access and a reasonable accommodation for individuals with disabilities. To request a reasonable accommodation for a disability, contact the university's ADA Coordinator in the Office of Human Resources at (435) 797-0122 or hr@usu.edu.

*updated 09/2025

To apply, visit https://careers-usu.icims.com/jobs/8433/ai-and-machine-learning-assistant-professor-professional-practice-assistant-professor/job?in_iframe=1

Notice of Non-discrimination
In its programs and activities, including in admissions and employment, Utah State University does not discriminate or tolerate discrimination, including harassment, based on race, color, religion, sex, national origin, age, genetic information, sexual orientation, gender identity or expression, disability, status as a protected veteran, or any other status protected by University policy, Title IX, or any other federal, state, or local law.

The following individuals have been designated to handle inquiries regarding the application of Title IX and its implementing regulations and/or USUs non-discrimination policies:
Executive Director of the Office of Equity Matthew Pinner, discrimination@usu.edu, Distance Education Rm. 401, 435-797-1266
Title IX Coordinator Matthew Pinner, titleix@usu.edu, Distance Education Rm. 404, 435-797-1266
Mailing address: 5100 Old Main Hill, Logan, Ut 84322

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OCR@ed.gov
U.S. Department of Education, Denver Regional Office, 303-844-5695, OCR.Denver@ed.gov

jeid-2ede6a5ca6440f4dbbc068205ab908ac

Contact Information

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

Contact

Electrical & Computer Engineering
Utah State University
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