

Assistant, Associate, Full Professor - Artificial Intelligence,  
Computer Science and Engineering  
University at Buffalo

Direct Link: <https://www.AcademicKeys.com/r?job=254298>

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Posted Mar. 11, 2025, set to expire Jul. 9, 2025

<b>Job Title</b>	Assistant, Associate, Full Professor - Artificial Intelligence, Computer Science and Engineering
<b>Department</b>	Computer Science and Engineering
<b>Institution</b>	University at Buffalo Buffalo, New York
<b>Date Posted</b>	Mar. 11, 2025
<b>Application Deadline</b>	11/04/2025
<b>Position Start Date</b>	Available immediately
<b>Job Categories</b>	Professor Associate Professor Assistant Professor
<b>Academic Field(s)</b>	Computer Engineering Computer Science
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**Job Description**

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**Assistant, Associate, Full Professor - Artificial Intelligence, Computer Science and Engineering**

**Position Information**

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Engineering

**Department:** Computer Science and Engineering

**Posting Link:** <https://www.ubjobs.buffalo.edu/postings/53853>

### Posting Detail Information

#### Position Summary

Recognizing the transformative potential of Artificial Intelligence (AI), [the School of Engineering and Applied Sciences \(SEAS\)](#) at the University at Buffalo (UB) seeks applicants with a strong research background in AI for a multi-departmental faculty cluster that will engage collaboratively on a variety of shared problems that can benefit from the application of emerging data science tools. Faculty appointments at all three levels (**assistant, associate, and full professor**) are anticipated, with one hire in the [Department of Computer Science and Engineering \(CSE\)](#) at UB. The faculty hired in CSE is expected to focus broadly on the areas of natural language processing, artificial intelligence, machine learning, and information retrieval.

The cluster will emphasize a new model for multidisciplinary collaboration, both among faculty within this group and with existing colleagues across SEAS and UB. Applicants should have a strong and demonstrated commitment to engagement in collaborative research and education. The successful candidate will also be expected to teach courses at the graduate and undergraduate levels, mentor graduate students, advise students at all levels, and maintain an active research program. The successful candidate for an Associate Professor or Full Professor position should have a record of scholarly accomplishments, teaching experience, and a sustained externally funded research program.

#### Outstanding Benefits Package

Working at UB comes with benefits that exceed salary alone. There are personal rewards including comprehensive health and retirement plan options. We also focus on creating and sustaining a healthy mix of work, personal and academic pursuit - all in an effort to support your work-life effectiveness. We support your growth and development through our career coaching and training department and we qualify as a public service loan forgiveness organization. Learn more about our [benefit packages](#).

#### About the Department

The Department of Computer Science and Engineering (CSE) offers BS degrees in computer science (accredited by the Computing Accreditation Commission of ABET, and in computer engineering (accredited by the Engineering Accreditation Commission of ABET, a combined 5-year BS- MS program, a minor in computer science, a Certificate in Data-Intensive Computing, and several joint programs (BS in Computer Science/MBA, BS in Computational Physics, BA in Social Sciences

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Interdisciplinary - Cognitive Science Concentration, BS in Bioinformatics and Computational Biology - CSE concentration), a minor in cybersecurity, and an advanced graduate certificate in cybersecurity as well as MS and PhD programs in Computer Science & Engineering.

The department currently has over 50 tenure-track faculty, 18 teaching faculty, approximately 2,200 undergraduate majors, 1200 masters and 160 PhD students. Over thirty junior faculty members have been hired since 2010, and we continue expanding. Two members of our faculty currently hold key university leadership positions, and nine members of our faculty are IEEE and/or ACM Fellows. The department is well known for offering an excellent collaborative and nurturing environment for faculty. Recently, a cohort of ve junior faculty received the CAREER awards in 2019, setting a national record.

Our faculty members are actively involved in cutting-edge research and successful interdisciplinary programs and centers devoted to biometrics; bioinformatics; biomedical computing; computational and data science and engineering; computer vision and multimedia systems; database systems; document analysis and recognition; programming languages; high-performance computing; cybersecurity; embedded, networked and distributed systems; machine learning and artificial intelligence; connected and autonomous vehicles and sustainable transportation; and theory of computation. Our faculty has excellent publication records over the years. Since 2015, the department has moved up its rank to be among the top 40 on csrankings.org and is among the top 25 in two recent years (2017 and 2019). During the same period, our research expenditure has grown from \$4.5 million (for AY 2015-2016) to close to \$10.5 million (AY 2023-2024).

### **About the University at Buffalo**

The University at Buffalo (UB) is a flagship of the State University of New York (SUNY) system, a member of the prestigious American Association of Universities, is the largest and most comprehensive university in the SUNY system, with about 21,000 undergraduates 11,000 graduate students, and 2500 full-time faculty. The School of Engineering and Applied Sciences has about 8,000 students across 9 academic departments. UB was recently announced as the recipient of \$400M in funding for EmpireAI and continues to lead in many areas of AI, and this position is intended for a national leader in AI. The prestigious NSF National AI Institute for Exceptional Education continues to innovate in the application of AI to address important problems across disciplines. Backed by numerous centers across information integrity, autonomy, robotics, biometrics, and cybersecurity, for example, CSE faculty have a long history of interdisciplinary collaboration and a reputation as a leading department at UB.

### **About Buffalo**

Buffalo is a city with a rapidly growing economy, eclectic neighborhoods, world-class art galleries and museums, a vibrant theater and music community, the Lake Erie waterfront, a city-wide system of

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parks designed by renowned landscape architect Frederick Law Olmsted, and major and minor league sports teams. The awe-inspiring Niagara Falls is just 20 minutes away. The department is located on the UB North Campus in suburban Amherst, an area that combines outstanding public schools and services with a surprisingly low cost of living.

University at Buffalo is an affirmative action/equal opportunity employer and, in keeping with our commitment, welcomes all to apply including veterans and individuals with disabilities.

### Minimum Qualifications

- Candidates must hold a doctorate in computer science, computer engineering, or a related field; if the degree has not been conferred, candidate must produce verification that all academic & administrative requirements for the degree have been met prior to the start of the position.
- Candidates must demonstrate excellence in research, teaching, service, and mentoring.

### Preferred Qualifications

### Physical Demands

### Salary Range

Competitive

### Job Type

Full-Time

### Special Instructions Summary

### Is a background check required for this posting?

No

### Contact Information

**Contact's Name:** Siwei Lyu

**Contact's Pronouns:**

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he/him/his

**Contact's Title:** Empire Innovation Professor

**Contact's Email:** [siweilyu@buffalo.edu](mailto:siweilyu@buffalo.edu)

**Contact's Phone:** 716-645-1587

### Posting Dates

**Posted:** 11/04/2024

**Deadline for Applicants:** Open Until Filled

**Date to be filled:** 09/01/2025

### Contact Information

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

#### Contact

N/A

University at Buffalo

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