

**Assistant/Associate Professor – School of Computing
College of Engineering
University of Nebraska-Lincoln**

The School of Computing (SoC) at the University of Nebraska–Lincoln (UNL) is going through a strategic expansion and invites applications for a tenured/tenure-track faculty position at assistant or associate professor rank to begin Fall 2025. SoC offers a collegial and collaborative culture, with broad interdisciplinary research with other units across our campus. We seek exceptional candidates who can establish a strong scholarly research and teaching program in, but not limited to, Robotics, Data Science and Artificial Intelligence, and Software Engineering.

The SoC is undergoing an exciting period of significant growth and has hired 11 tenured/tenure-track faculty members since 2019. This expansion complements the hiring by the College of Engineering, which has hired more than 65 new faculty in the last five years and plans to continue expanding the number of faculty in the coming years. We are committed to promoting inclusive excellence of our faculty and seek to attract and retain a high-performing and diverse workforce in which employees' differences are respected and valued to better meet the varying needs of the diverse populations we serve.

The SoC is recognized for its work in Empirical Software Engineering, Testing, and Formal Methods, and is expanding into areas like Mining Software Repositories, Software Security, and Human-centered Software Engineering. The NIMBUS lab excels in developing Uncrewed Aircraft Systems for agricultural and scientific applications, while also contributing to the \$25 million Heartland Robotics Cluster. SoC is enhancing research in Data Science, AI, and Machine Learning, launching a new Data Science undergraduate major, and aiming to develop leading programs in health, agriculture, biocomputing, and robotics. The school also leads a Cybersecurity Initiative to tackle security challenges with AI and ML techniques. Additionally, SoC is a leader in IoT and Agricultural IoT, spearheading the Nebraska IoT Initiative through a public-private partnership. This includes collaborations on major infrastructure projects and the formation of the interlocal agency iLNK.

UNL is Nebraska's land-grant research university and ranks among Doctoral Universities with the Highest Research Activity [Carnegie CIHE]. UNL is centered in the flourishing community of Lincoln, the third-largest city in the Big Ten. More information on Lincoln can be found at <https://aboutlincoln.unl.edu/>, <https://go.unl.edu/connections>, <https://placetobelnk.com/>, and <https://www.lcoc.com/meet-lincoln>.

Applicants must have a Ph.D. or equivalent in computer science, computer engineering, or a closely related field. They must also have a record of strong scholarly achievement and a demonstrated commitment to excellence in undergraduate and graduate education. Candidates at the assistant professor level must have the potential to establish a strong externally funded research program, while candidates at the associate professor level are expected to have an outstanding publication record, a history of funded research, and a strong national/international reputation in their respective research areas. Candidates with demonstrated cross-disciplinary research experience are particularly encouraged to apply.

Review of applications will begin October 18, 2024, with rolling reviews until the position has been filled. Interested applicants are encouraged to continue to apply after this deadline. Applications must be submitted via <https://employment.unl.edu>, requisition F_240130, and include the following:

1. Cover letter explaining your interest in the University of Nebraska-Lincoln.
2. Your curriculum vitae.

3. Teaching and research statements including 1-2 papers that best represent your research and scholarship.
4. A statement of how your combined professional and academic experiences have equipped you to make a valuable contribution to Inclusive Excellence, a fundamental aspect of the COE Complete Engineer® Program (<https://engineering.unl.edu/complete-engineer/>).
5. A list of three professional references including contact information.

The teaching, research, and inclusive excellence statements together should total no more than five (5) pages. Please combine the statements and papers into a single document for upload.

Direct questions to the Chair of the Faculty Search Committee, Dr. Brittany Duncan (bduncan@unl.edu).

As an EO/AA employer, the University of Nebraska considers qualified applicants for employment without regard to race, color, ethnicity, national origin, sex, pregnancy, sexual orientation, gender identity, religion, disability, age, genetic information, veteran status, marital status, and/or political affiliation. See <https://www.unl.edu/equity/notice-nondiscrimination>.