



WEST VIRGINIA STATE UNIVERSITY

Assistant Professor of Computer Science (Artificial Intelligence) College of Natural Sciences and Mathematics

About West Virginia State University

West Virginia State University is a public land-grant institution with a rich history, founded in 1891 as a Historically Black College and University (HBCU). It has since evolved into a fully accessible, diverse, and multi-generational institution, proudly serving approximately 3,500 students. Our university community comprises dedicated students, staff, and faculty committed to fostering innovative teaching and learning, advancing research, and contributing to meaningful service initiatives. WVSU offers 23 undergraduate and seven graduate degrees through its four colleges, and our athletic teams compete at the NCAA Division II level in seven men's sports and eight women's sports. Located in Institute, WV, a suburb of Charleston, which is the largest city and the capital of West Virginia, WVSU enjoys the benefits of a vibrant, diverse, and engaging community with more than 300,000 residents in the metropolitan area. The region offers a rich cultural scene, historical events, music, festivals, and entertainment.

Position Description

The Department of Mathematics, Engineering, and Computer Science at West Virginia State University announces a tenure-track Assistant Professor position in Computer Science starting in the Fall 2025 semester. We are seeking candidates who have a passion for both teaching and research. This is a full-time, 9-month position with 50% teaching and 50% research appointment. The teaching load is six credit hours per semester, consisting of undergraduate and graduate classes. This position is aimed at strengthening the Artificial Intelligence education and research at WVSU with a specific emphasis on AI's application in Agriculture. Proficiency in various machine learning techniques and their applications and familiarity with machine learning libraries is expected. The successful candidate will work closely with faculty across disciplines, develop curriculum, mentor undergraduate and graduate students, conduct interdisciplinary research, publish in reputable journals, and actively engage in grant writing and secure funding to support the research agenda.

The Department offers Bachelor of Science degrees in Mathematics, Engineering, and Computer Science, minors in cybersecurity and data science, and a Master of Science degree in Computer Science. Fulfilling its land-grant mission, WVSU maintains a competitive portfolio of research programs. We also boast our state-of-the-art Cybersecurity Innovation Center and vibrant partnerships with various companies and agencies, including USDA, IBM, Google, and NASA.

Position Responsibilities

The successful candidate will teach undergraduate and graduate courses in Artificial Intelligence and other branches of computer science; advise and mentor undergraduate and graduate students; supervise undergraduate and graduate students' research projects; develop a robust research program focused on AI applications in food and agriculture industries; collaborate with faculty to integrate AI solutions into food, agricultural, and biological systems; publish research in peer-reviewed journals; write grants to secure extramural funding from USDA, other agencies, and industry partners; serve on departmental and university committees; and participate in community service activities.

Qualifications

Applicants must hold a Ph.D. in Computer Science, Computer Engineering, or related fields at the time of appointment. ABD candidates will also be considered (but the candidates are expected to have their Ph.D. completed before the start of the Fall 2025 semester). The candidate should possess the skills necessary to write grants, actively engage in research, have excellent written and interpersonal skills, and meet eligibility requirements for work in the United States at the time of appointment.

Preferred Qualifications

Preference will be given to the candidates who have one or more of the following:

- Teaching experience in a higher education institution
- Postdoctoral research experience, a strong record of publications
- Research or teaching experience in AI applications in agriculture

To Apply

This position will remain open until filled. However, priority consideration will be given to applicants who submit a complete application package, including a resume, cover letter, copies of academic transcripts of the terminal degree (originals required upon acceptance of job offer), and contact information (names, email addresses, or phone numbers) of three professional references by February 24, 2025. For full consideration, please ensure that all requested information is submitted.

Please submit application materials via email to jobs@wvstateu.edu or mail to:

West Virginia State University
Department of Human Resources
P. O. Box 1000, 324 Ferrell Hall
Institute, WV 25112

West Virginia State University conducts criminal background checks on all job candidates upon acceptance of a contingent offer. Any offer of employment is contingent upon the satisfactory completion of a background check.

West Virginia State University is an Equal Opportunity/Affirmative Action institution. No person shall be denied admission to educational programs, activities or employment on the basis of any legally protected status, or be subjected to prohibited discrimination involving, but not limited to, such factors as race, color, creed, religion, national or ethnic origin, marital status, citizenship, sex, sexual orientation, gender identity or expression, age, disability, or protected veteran status. West Virginia State University is committed to providing access, equal opportunity, and reasonable accommodation for individuals with disabilities in employment, its services, programs, and activities. To request reasonable accommodation to participate in the job application or interview process, contact, please contact the Disability and Accessibility Resources unit at 304-0766-3083 or ada@wvstateu.edu.