

## **Cluster Hire in Artificial Intelligence/Machine Learning, University of Alabama**

The University of Alabama College of Arts and Sciences invites applications for three Assistant/Associate/Full Professor rank tenured/tenure-track positions at the interface of Artificial Intelligence (AI)/Machine Learning and Physics and Astronomy, Chemistry and Geological Sciences, as part of a machine-learning focused cluster hire, with the expected starting date of August 2024.

Successful candidates for the Machine Learning/AI in Geosciences position can specialize in any subdiscipline of the Geosciences. The department has strengths in geophysics, tectonics, water resources, and geochemistry, and ongoing relationships with the Geological Survey of Alabama, Cooperative Institute for Research to Operations in Hydrology (CIROH), and Alabama Water Institute. The successful candidate's research will focus on the development and application of machine learning/AI techniques in one of these strengths or at the boundary between geosciences and other natural sciences. More information about the department can be found at [www.geo.ua.edu](http://www.geo.ua.edu).

The successful candidate will have an opportunity to interact with each other and additional UA faculty across campus that are active in AI. They will be further expected to take advantage of a new \$96 million-dollar High Performance Computing and Data Center that will come online in 2024-2025.

The minimum qualifications for this position are a Ph.D. or equivalent, scholarly publications, and experience with modern techniques in machine learning. Candidates for this position are expected to have an outstanding research record and exhibit potential for effective teaching at the undergraduate and graduate levels. The successful candidate is expected to develop a high quality, externally funded research program, as well as teach and mentor at the undergraduate and graduate levels. Candidates with prestigious achievements in their field and exceptional national and international reputations will be eligible for consideration for significant endowment support through appointment as a Shelby Distinguished Professor, <https://provost.ua.edu/Shelby/>.

The review of applications will begin January 2, 2024, and the review will continue until the position is filled. Applications should consist of a curriculum vitae, including descriptions of the applicant's accomplishments, research interests and teaching philosophy, and a list of publications with citation counts. Applicants should also arrange for at least three letters of recommendation to be sent electronically to [aisearch@ua.edu](mailto:aisearch@ua.edu).

To apply for the Associate/Full Professor of Artificial Intelligence/Machine Learning in Geological Sciences, go to <http://careers.ua.edu/cw/en-us/job/521302>

To apply for the Assistant/Associate Professor of Artificial Intelligence/Machine Learning in Geological Sciences, go to <http://careers.ua.edu/cw/en-us/job/521300>

The University of Alabama is an Equal Opportunity Affirmative Action Employer and actively seeks diversity among its employees. Women and minorities are strongly encouraged to apply.

For additional information, contact the search committee chair, Prof. Sergei Gleyzer ([sgleyzer@ua.edu](mailto:sgleyzer@ua.edu)).