Data Science Faculty of Data-Driven AI in Special Education (Tenure Track/Tenured)
Old Dominion University

Job Title	Data Science Faculty of Data-Driven AI in Special Education (Tenure Track/Tenured)
Department	AI CLUSTER HIRE INITIATIVE
Institution	Old Dominion University
	Norfolk, Virginia
Date Posted	Jul. 25, 2025
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Assistant Professor
	Associate Professor
	Professor
Academic Field(s)	Computer Science
	Computer Science
Job Website	https://jobs.odu.edu/postings/23646
Apply By Email	

Job Description

The School of Data Science at Old Dominion University invites applicants for an annual, 10-month position at the Assistant, Associate, or Full Professor rank as part of a multi-position hiring initiative for *Data-Driven AI and Its Transformative Impact on Special Education Serving People with Chronic Health Conditions & Disabilities.* We seek faculty that to develop/maintain a vibrant, externally funded interdisciplinary research program in **artificial intelligence (AI)/machine learning (ML) and data science, with focused application in special education and overall education areas including**,

- Emotional intelligence with earlier and better understanding,
- AI-driven adaptive learning systems,

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- AI-driven therapeutic systems,
- Immersive virtual learning environment,
- Predictive analytics on behavior data and symptomology
- AI-driven visual perception for special education.

The focus of this cluster hire is the interdisciplinary area of data-driven AI and its transformative impact on special education that serves people with various chronic health conditions and disabilities. AI and Machine Learning (ML) techniques are poised to significantly change many practices in special education, from emotional intelligence with earlier and better understanding of behavioral and neuro-cognitive deficits. Development of AI-driven adaptive learning systems, AI-driven therapeutic tools, immersive virtual learning environment and predictive analytics may benefit from availability of large-scale behavior and neuro-cognitive data. A few well-recognized examples include use AI-based computer vision techniques to recognize and identify subtle visual signs for early detection of autism spectrum disorder (ASD), attention deficit hyperactivity disorder (ADHD), developmental disabilities, and Alzheimer and other dementia.

The appointee will also teach undergraduate and graduate courses and collaborate with other faculty in School of Data Science, Frank Batten College of Engineering & Technology, and Darden College of Education & Professional studies. The appointee is also encouraged to establish collaborations with the newly formed Brock Virginia Health Sciences, as well as data scientists at the nearby Thomas Jefferson National Accelerator Facility (Jefferson Lab) and NASA Langley Research Center (LaRC).

About ODU: Old Dominion University, located in Norfolk, is Virginia's forward-focused public doctoral research university with more than 23,000 students, a top R1 research ranking, rigorous academics, an energetic residential community and initiatives that contribute $2.6 billion annually to Virginia's economy.

Old Dominion University was founded in 1930. In preparation for our centennial anniversary, the institution initiated the **Centennial Cluster Initiative,**a hiring program designed to hire interdisciplinary clusters of faculty around emerging themes. As the first step of that initiative, we seek to hire 25 scholars who can contribute to the university's growing research and teaching portfolio in the area of artificial intelligence. Those scholars will be housed in departments across campus and work together on scholarly activities related to artificial intelligence.

Contact Information

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