

Faculty in Data Sciences - Critical Infrastructure and Data
Transformation (CID) to Advance National Security
Old Dominion University

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Posted Sep. 26, 2025, set to expire Jan. 26, 2026

Job Title	Faculty in Data Sciences - Critical Infrastructure and Data Transformation (CID) to Advance National Security
Department	RESILIENCE CLUSTER HIRE
Institution	Old Dominion University Norfolk, Virginia
Date Posted	Sep. 26, 2025
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Professor
Academic Field(s)	Computer/Information Sciences
Job Website	https://jobs.odu.edu/postings/24241
Apply By Email	
Job Description	

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The [School of Data Science](#) at Old Dominion University invites applicants for an annual 10-month position at Assistant/Associate/Full Professor rank as part of a multi-position hiring cluster aiming for the Critical Infrastructure and Data Transformation to Advance National Security to begin in Fall 2026. This is an annual 10-month appointment that will begin July 25, 2026. The cluster, with faculty hires in School of Data Science, Batten College of Engineering and Technology and Office of Enterprise Research and Innovation, integrates interdisciplinary research in resilient infrastructure, infrastructure data transformation, and secure smart systems to address national security challenges in coastal regions. It explicitly addresses the Old Dominion University's Strategic Plan in research areas including Coastal Resilience and National Security. The research in this cluster will be supported by five interrelated, cross-cutting research domains, including Artificial Intelligence & Machine Learning, Computational & Data Science, Cybersecurity & Network Security, and Modeling & Simulation.

Candidates will be considered for appointment at all ranks contingent upon appropriate qualifications. 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 a primary focus on application on critical infrastructure and national security, including but not limited to:

- AI-Enabled Digital Twins for Critical Infrastructure or Coastal Resilience
- Edge Intelligence for autonomous sensing and decision making
- Secure & Trustworthy AI
- AI-Driven Resilience Forecasting for Critical Assets
- Human - AI Decision Support
- AI for cyber-physical threat detection and response
- Foundation Models for Integrated National-Security Intelligence and coastal resilience

The focus of this cluster is to leverage cutting-edge data science and artificial intelligence to protect critical assets and strengthen national security, particularly in the coastal regions. The research of this cluster is expected to advance research that enable earlier warnings, faster responses, and greater resilience to both natural hazards and national security threats.

The appointee is expected to teach undergraduate and graduate courses and collaborate with other faculty in School of Data Science, Batten College of Engineering & Technology, and Office of Enterprise Research and Innovation. The appointee is encouraged to establish collaborations with the newly formed Brock Virginia Health Sciences, as well as scientists at the nearby federal research facilities such as Thomas Jefferson National Accelerator Facility (Jefferson Lab), NASA Langley Research Center (LaRC) and Navy Surface Warfare Center in the Hampton Road Region.

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Contact Information

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

Contact

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