

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

Direct Link: https://www.AcademicKeys.com/r?job=263055

Downloaded On: Nov. 26, 2025 8:20pm 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



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

Direct Link: https://www.AcademicKeys.com/r?job=263055
Downloaded On: Nov. 26, 2025 8:20pm
Posted Sep. 26, 2025, set to expire Jan. 26, 2026

The <u>School of Data Science</u> 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:

- Al-Enabled Digital Twins for Critical Infrastructure or Coastal Resilience
- Edge Intelligence for autonomous sensing and decision making
- Secure & Trustworthy Al
- Al-Driven Resilience Forecasting for Critical Assets
- Human Al Decision Support
- Al 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.



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

Direct Link: https://www.AcademicKeys.com/r?job=263055
Downloaded On: Nov. 26, 2025 8:20pm
Posted Sep. 26, 2025, set to expire Jan. 26, 2026

Contact Information

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

Contact

,