

Open Rank Professor of Data Science, Tenured/Tenure-Track (2023-2024)

The School of Data Science at the University of Virginia (UVA) seeks applicants for multiple **Open Rank Tenured or Tenure-Track Professors of Data Science**. The school is assembling a diverse and world-class faculty with broad expertise in data science. Candidates with a research focus in artificial intelligence systems, large-language models, machine learning, and predictive analytics are encouraged to apply.

We are seeking candidates with a pioneering spirit who have methodologic expertise and research experience in one or more domains of data science.

The domains of data science include, but are not limited to,

- Data Ethics, Critical Data Studies & Policy (e.g., representativeness, privacy, ethics of algorithmic construction, interpretability)
- Data Design (e.g., visualization, human-computer interaction, communication)
- Analytics (e.g., predictive modeling, machine learning, imaging, computer vision, algorithm development, statistical methods)
- Data Structures (e.g., data architecture and pipelines, database theory)
- Informatics (e.g., graph theory, information systems, bioinformatics)
- Data Systems (e.g., high performance computing, continuous integration and deployment (CI/CD) of data science tools, cloud architectures, federated learning, data sharing).

Candidates with backgrounds and experiences that are underrepresented in data science are especially encouraged to apply. A commitment to advancing the University's mission is essential for all candidates (<https://provost.virginia.edu/faculty-handbook/mission-statement-university-virginia>). Candidates with industry experience are encouraged to apply if they wish to pursue research in an academic setting.

The School of Data Science at UVA was established in 2019 with the largest private gift in the institution's 200-year history. Faculty duties include research, teaching (in-person and online), mentoring, advising students, and service to the university and the discipline. Faculty will have the opportunity to help shape the culture of a new school, develop modern pedagogy, and grow the discipline of data science in national and international forums.

Candidates must have earned, or be on track to earn, a PhD in Data Science or a related field (e.g., STEM, social science or humanities degree with a Data Science focus) by **August 2024 or appointment start date**. Appointments are made in the School of Data Science with the potential for joint or courtesy appointments in other schools as applicable. Candidates for senior ranks (Associate and Full with tenure) must have a demonstrated record of excellence in research, teaching, and advising, in data science and/or closely

related fields, and must have established a national/international reputation for contribution to the field in methodology, application, and impact.

Candidates for Assistant rank (tenure-track) must demonstrate the potential for excellence in methodological development and scientific impact in data science or a related field and have prior experience in educational related activities.

TO APPLY:

Complete an application online and attach:

- A current Curriculum Vitae or Resume.
- A Cover Letter that addresses your experience and qualification for this position and your interest in data science.
- A teaching statement that describes your teaching and mentoring experiences, and how they align with the UVA's mission statement (<https://provost.virginia.edu/faculty-handbook/mission-statement-university-virginia>). This statement should focus on your past or planned educational activities and how you see data science education evolving over the next decade (1-3 pages).
- Please describe your past research endeavors and contributions as well as your future research goals. (1-2 pages).
- If available, reviews & course evaluations from up to 3 educational courses, seminars, and/or short courses.

Review of applicants will begin **November 27, 2023** and the positions will remain open until filled.

For questions about the application process please contact Jennifer Kirkham, Manager for Faculty Affairs at the School of Data Science, at jhk3s@virginia.edu.

Apply via Interfolio: <http://apply.interfolio.com/134902>

The selected candidate will be required to complete a background check at time of offer per University Policy.

UVA assists faculty spouses and partners seeking employment in the Charlottesville area. To learn more please visit <https://dualcareer.virginia.edu>.

For more information on the benefits available to faculty at UVA, visit <https://provost.virginia.edu/subsite/faculty-development> and hr.virginia.edu/benefits.