

Open Rank Professor of Data Science, Academic General Faculty, Teaching Track (2023-2024 Hiring Cycle)

The School of Data Science at the University of Virginia (UVA) seeks applicants for multiple **Open Rank Academic General Faculty (Teaching Track) Professors of Data Science**. The school is assembling a diverse and world-class faculty with broad expertise in data science. We are seeking candidates with a pioneering spirit who have expertise in pedagogy, instruction, and advising in data science. Exceptional candidates will demonstrate experience with, or the potential for, sustained scholarship in data science education in an academic or industry setting. Candidates should also explain their methodologic expertise as it pertains to the 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>).

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 teaching (in-person and online), mentoring, advising students, research 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**. We especially encourage applications from individuals who are members of underrepresented groups, candidates engaged in educational activities with underserved populations, or candidates who have worked to broaden student access to data science careers. Ideal candidates for Academic General Faculty positions will demonstrate commitment to, or potential for, excellence in data science

education, advancing classroom paradigms for modern environments, and making these advancements accessible to all students.

Rank will be commensurate with academic and industry experience. Appointments will be available on 9-month contracts.

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).
- A scholarly pursuits statement that describes your data science expertise, educational scholarship (if any), engagement in traditional research activities (if any), and future scholarly 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/134911>

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.