



## ASSISTANT PROFESSORS IN DATA ANALYTICS

The Department of Computer Science at Virginia Tech ([www.cs.vt.edu](http://www.cs.vt.edu)) seeks applicants for two tenure-track assistant professor positions in data analytics. Exceptional candidates at higher ranks may also be considered.

### CANDIDATES

Candidates with research depth and breadth in data analytics, data mining, machine learning, deep learning, artificial intelligence, text mining, natural language processing, information retrieval, interactive visual analytics, data visualization, high-performance analysis, social informatics, or data science are encouraged to apply. Candidates working at the intersection of data analytics and other computing or application domains—such as cybersecurity, urban computing, health analytics, bioinformatics, and distributed and IoT systems—are also encouraged to apply. Successful candidates should be able to demonstrate an interest in initiating and sustaining collaborations within computing as well as with data domain scientists.

Successful candidates will have the opportunity to engage in transdisciplinary research, curriculum, and outreach initiatives with other university faculty working in the Data & Decisions destination area, one of several new university-wide initiatives at Virginia Tech ([provost.vt.edu/destination-areas](http://provost.vt.edu/destination-areas)). Data & Decisions is focused on advancing the human condition and society with better decisions through data. Faculty collaborating in this area integrate data analytics and decision sciences across transdisciplinary research and curriculum efforts at Virginia Tech. Candidates with demonstrated experience in interdisciplinary teaching or research that aligns with the Data and Decisions vision ([provost.vt.edu/destination-areas/da-overview/da-data.html](http://provost.vt.edu/destination-areas/da-overview/da-data.html)) are especially encouraged to apply.

Candidates must have a Ph.D. in computer science or related field at the time of appointment and a rank-appropriate record of scholarship and collaboration in computing research, broadly defined. Successful candidates should give evidence of commitment to issues of diversity in the campus community and will be expected to teach graduate and undergraduate courses, mentor graduate students, and develop a high quality research program.

### COMPUTER SCIENCE AT VIRGINIA TECH

The department has 47 teaching faculty including 42 tenured or tenure-track faculty, over 840 undergraduate majors, and more than 250 graduate students. Departmental annual research expenditures over the last four years average \$13 million. The department is in the College of Engineering, whose undergraduate program ranks 14th and graduate program ranks 27th among all U.S. engineering schools (USN&WR, 2017).

The department is home to the Discovery Analytics Center ([dac.cs.vt.edu](http://dac.cs.vt.edu)), which leads big-data analytics research on campus. Data analytics faculty collaborate in interdisciplinary research groups, including the Center for Human Computer Interaction, the Center for Business Intelligence and Analytics, the Social and Decision Analytics Laboratory, and the Network Dynamics and Simulation Science Laboratory. Faculty also participate in data analytics education initiatives ([analytics.cs.vt.edu](http://analytics.cs.vt.edu)), including the Computational Modeling and Data Analytics undergraduate program.

### HOW TO APPLY

Applications must be submitted online to [jobs.vt.edu](http://jobs.vt.edu) posting TR0170153. Applicant screening will begin on December 1, 2017 and continue until positions are filled. Inquiries should be directed to Dr. Chris North, Search Committee Chair, [north@cs.vt.edu](mailto:north@cs.vt.edu).

This position is located at the main campus in Blacksburg, VA, in a region that is consistently ranked among the country's best places to live. The position requires occasional travel to professional meetings. Virginia Tech is committed to building a culturally diverse faculty and strongly encourages applications from women and minorities. The selected candidate must pass a criminal background check prior to employment.

Virginia Tech does not discriminate against employees, students, or applicants on the basis of age, color, disability, gender, gender identity, gender expression, national origin, political affiliation, race, religion, sexual orientation, genetic information, or veteran status; or otherwise discriminate against employees or applicants who inquire about, discuss, or disclose their compensation or the compensation of other employees, or applicants; or any other basis protected by law.

[www.cs.vt.edu](http://www.cs.vt.edu)