

Faculty Positions in Computer Systems

The Department of Computer Science at Virginia Tech (cs.vt.edu) seeks applicants for multiple tenured or tenure-track positions in computing systems. Topics of interest include all aspects of computer systems including but not limited to: operating systems, file and storage systems, distributed systems, cloud, IoT and edge systems, mobile systems, secure and reliable systems, embedded systems, system management, and virtualization.

Candidates with interests in systems research topics applicable to high-performance blockchain systems and applications are particularly encouraged to apply. We also welcome candidates at the interface to related areas such as computer architecture, networking, programming languages, and analytics.

CANDIDATES

Successful candidates will have the opportunity to leverage significant ongoing collaboration and support from industrial partners, including block.one, with strengths in decentralized systems and blockchain applications. This initiative is also part of ongoing investment that has led to six tenure-track faculty members joining the department and the stack@cs Center for Computer Systems since 2013. stack@cs researchers consistently publish and showcase high-impact results at top international venues. Current stack@cs strengths include parallel and distributed systems, file and storage systems, cloud, IoT and edge systems, compilers and runtime systems, computer architecture, systems security, and high-performance computing.

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. They are expected to develop a sustainable research group that is internationally recognized for excellence. The successful candidate will be expected to teach graduate and undergraduate courses, mentor graduate students, and should support diversity in the campus community. Virginia Tech is committed to building a culturally diverse faculty and strongly encourages applications from traditionally underrepresented communities. The position requires occasional travel to professional meetings. Selected candidate must pass a criminal background check prior to employment.

COMPUTER SCIENCE AT VIRGINIA TECH

The department has 53 teaching faculty, including 47 tenured or tenure-track faculty, over 950 undergraduate majors, and over 250 graduate students. Departmental annual research expenditures over the last four years average \$12 million. The department is in the College of Engineering (eng.vt.edu), whose undergraduate program ranks 13th and graduate program ranks 30th among all U.S. engineering schools (USN&WR). This position is located at the main campus in Blacksburg, VA (blacksburg.gov), in a region that is consistently ranked among the country's best places to live.

HOW TO APPLY

Applications must be submitted online to jobs.vt.edu for posting #[TR0180127](#). Applicant screening will begin on November 26, 2018 and continue until the position is filled. Inquiries should be directed to Dr. Kirk Cameron, Search Committee Chair, systemssearch@cs.vt.edu.

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.