

Three (3) Faculty Positions in Safety and Security (All Ranks)

The Department of Computer Science and the Department of Systems and Information Engineering at the University of Virginia are seeking candidates at all ranks who work in fields related to Safety and Security for 3 tenured/tenure-track faculty positions. All areas of research will be considered, including but not limited to:

- Safety and security of cyber-physical systems, embedded and real-time systems, highly automated and autonomous systems, and human-in-the-loop systems
- Theory, methods, and applications of cybersecurity and privacy
- Formal specification, modeling, analysis, and verification techniques for safety and security assurance
- Architectural support for runtime assurance of critical system properties
- Other areas related to safety and security

Successful candidates will find a vibrant research culture and an abundance of collaboration opportunities with other departments. For example, the UVa School of Engineering has recently launched a multi-million dollar initiative to create a collaborative world class center of research excellence in Cyber-Physical Systems, where safety, security, and reliability play a key role. The initiative includes an international search for eight (8) new faculty members across 5 different departments. More information about these positions and the initiative can be found online (<http://linklab.virginia.edu>).

The School of Engineering offers a stimulating and nurturing academic environment where innovative, interdisciplinary, and foundational research is conducted in a collegial atmosphere. It is committed to enhancing a culturally diverse community, is an active dual career employer, and is actively boosting the participation of women faculty in science and engineering with the support of a National Science Foundation ADVANCE grant. The University of Virginia is an equal opportunity and affirmative action employer. Women, minorities, veterans, and persons with disabilities are encouraged to apply.

The University of Virginia is rated as one of the top 3 public universities in the nation and in the top 30 among all universities, public and private. Charlottesville is frequently cited as one of the best cities in which to live and work. More information about town, the school, faculty benefits, and other topics can be found at: <http://uvacharge.virginia.edu/guide.html>

Candidates must have a record of excellence in research, as appropriate for the candidate's rank, and a commitment to teaching excellence. Applicants should expect to have a PhD in Computer Science, Systems Engineering, or a closely related discipline by the appointment start date. Candidates will be expected to engage in funded research, to teach at the undergraduate and graduate levels, and to perform service for the institution and professional organizations.

To apply, candidates must submit a Candidate Profile through Jobs@UVA (<https://jobs.virginia.edu>), search on posting number 0617535. Applicants should submit a cover letter, CV, teaching statement, research statement, and names and contact information for 3 references. In the research statement, applicants should explicitly discuss any experiences with or plans for collaborative or cross-cutting research. We will begin reviewing applications on December 1, 2015 and will continue to review applications as they are received until the positions are filled. For questions about these positions, please contact Dr. John Knight at knight@virginia.edu or Dr. Peter Beling at beling@virginia.edu.