Notice

This notice is being provided as a result of the filing of an application for permanent alien labor certification for the job opportunity described below. Any person wishing to comment may provide documentary evidence to the Certifying Officer, U.S. Department of Labor; Employment and Training Administration; Office of Foreign Labor Certification; 200 Constitution Avenue NW, Room N-5311; Washington DC 20210.

Assistant Professor in Computer Science

Position Overview: The University of Kansas (KU) Department of Electrical Engineering and Computer Science (EECS) seeks outstanding individuals for a full time, tenure-track position at the rank of Assistant Professor in Computer Science with a focus on Programming Languages. Successful candidates are expected to contribute to the development of academic programs and contribute to the research community. Applicants are expected to have an earned doctorate, or equivalent, in Computer Science, Computer Engineering, Electrical Engineering, or a closely related field at the time of appointment. Applicants are expected to develop and sustain a research program focusing on any area related to programming languages and/or static analysis, including but not limited to: type systems; language semantics; automated software engineering; program analysis; partial evaluation; symbolic execution; and model checking. Application areas including high-assurance systems; resiliency; trustworthy systems; and secure systems are particularly desirable. Applicants pursuing research in areas that are synergistic with KU’s recent Research Rising efforts on Securing Our Worlds: Physical, Digital, Social (https://research.ku.edu/news/kus-research-rising-awards-will-address-critical-challenges-facing-humanity) are preferred.

Job Description: 40% Teaching: Teach undergraduate and graduate courses in the Electrical Engineering and Computer Science department. Participate in undergraduate and graduate student academic advising. Mentor graduate students in research and serve as the major advisor and chair of Master’s and Doctoral level thesis committees. 40% Research: Perform and conduct research in the research centers/laboratories associated with the department. Establish a strong research agenda in areas of expertise that overlaps, supports, or expands the current research in the department, leading to external grant support and publication in recognized refereed journals and conference proceedings. Collaborate with faculty and professional staff on KU campuses. 20% Service: Perform Department, School, University and professional service activities normally expected of university faculty commensurate with rank. Participating in local, national and international professional conferences and other activities appropriate to the discipline. Perform other duties as assigned by the Department Chair. *Ad copy also contained diversity statement, description of the university, and application instructions*

Required Qualifications:

1. Earned doctorate in computer science, computer engineering, electrical engineering, or a closely related scientific or engineering discipline by the time of appointment.
2. Expertise in any area related to programming languages and/or static analysis, including but not limited to: type systems; language semantics; automated software engineering; program analysis; partial evaluation; symbolic execution; and model checking. Application areas including high-assurance systems; resiliency; trustworthy systems; and secure systems are particularly desirable.
3. Demonstrated potential for teaching Undergraduate/Graduate level courses at the University level.
4. Potential to establish and secure external funding.

Preferred Qualifications:
1. Applicants pursuing research in areas that are synergistic with departmental strengths of security and assurance, imaging, scientific/parallel computing, communication systems and networking, radar and remote sensing, embedded systems, and signal processing are preferred.

Reply to:
Dr. Erik Perrins
1520 West 15th Street
Lawrence, KS 66045