Purdue University has identified Big Data as a major thrust for research and education, with a position in the School of Electrical and Computer Engineering approved for a faculty member whose research focus will be in compilers and programming languages for Big Data applications and High Performance Computing. The successful applicant will join a strong faculty group in Computer Engineering engaged in compiler and computer systems research, and will also have a unique opportunity to help shape Purdue’s vision and research/education agenda in Big Data, which spans Libraries, Physics, Civil Engineering, Computer Science and Computer Engineering. Candidates for tenure-track positions at the Assistant professor level will be considered. Strong interest in inter-disciplinary activities is required. The successful candidates will conduct original research, will advise graduate students, will teach undergraduate and graduate level courses, and will perform service both at the School and University levels. Candidates with experience working with diverse groups of students, faculty, and staff and the ability to contribute to an inclusive climate are particularly encouraged to apply.

The School of Electrical and Computer Engineering at Purdue University has experienced significant growth in the past decade and has a strong faculty core engaged in all areas of Computer Engineering, as well as significant interdisciplinary efforts across campus, with other academic institutions and industrial partners. The College of Engineering at Purdue is currently undergoing extensive growth, with an expanding number of faculty that are opening new and exciting research directions. For a detailed description of research activities see [https://engineering.purdue.edu/ECE/Research/Areas](https://engineering.purdue.edu/ECE/Research/Areas).

Candidates must hold a PhD degree in the area of compilers or programming languages, or in a closely related discipline with demonstrated potential for excellence in research, and be committed to excellence in teaching.

Submit applications online at [https://engineering.purdue.edu/Engr/AboutUS/Employment/Applications](https://engineering.purdue.edu/Engr/AboutUS/Employment/Applications), including curriculum vitae, teaching and research plans, and names of at least four references. For information/questions regarding applications, contact the Chair of the search committee at ce-search@ecn.purdue.edu. Review of applications will begin on December 1, 2015 and will continue until position is filled. A background check will be required for employment in this position.

Purdue’s main campus is located in West Lafayette Indiana, a welcoming and diverse community with a wide variety of cultural activities and events, industries, and excellent schools. Purdue and the College of Engineering have a Concierge Program to assist new faculty and their partners regarding dual career needs and facilitate their relocation.

*Purdue University is an EOE/AA employer. All individuals, including minorities, women, individuals with disabilities, and veterans are encouraged to apply.*