## Tenure-Track/Tenured Faculty Positions in Data Management and Machine Learning

The Department of Computer Science in the College of Science at Purdue University solicits applications for at least two tenure-track or tenured positions at the Assistant, Associate or Full Professor levels in the areas of large scale data management and/or machine learning. This search complements and runs parallel to three other faculty searches covering all other areas of computer science and an interdisciplinary search in the area of data science.

We are particularly interested in candidates whose work focuses on large scale data management and analytics, cloud-based data systems, and ML systems. We are equally interested in interactive learning, representation learning, algorithmic transparency, complex decision making, and cognitive systems to enhance our current strengths in machine learning and data mining.   Highly qualified applicants in other areas will be considered. Applicants should hold a PhD in Computer Science or a related discipline, have demonstrated excellence in research and strong commitment to teaching.  Successful candidates will be expected to conduct research in their fields of expertise, teach courses in computer science, and participate in department and university activities.

The positions are part of a continued expansion in a large-scale hiring effort across key strategic areas in the College of Science.  Under new leadership, the college is pursuing significant new growth and initiatives which complement campus-wide thrusts including an Integrative Data Science Initiative. Opportunities for collaboration exist across mathematics, probability, statistics, and the physical and life sciences.

The Department offers a stimulating academic environment with active research programs in most areas of computer science.  The department offers undergraduate programs in Computer Science and Data Science, and graduate MS and PhD programs including a Professional MS in Information Security.  For more information see https://www.cs.purdue.edu.

Applicants should apply online at https://hiring.science.purdue.edu. A background check will be required for employment.  Review of applications and interviews will begin in October 2018, and will continue until positions are filled. Inquiries can be sent to fac-search@cs.purdue.edu.

Purdue University's Department of Computer Science is committed to advancing diversity in all areas of faculty effort, including scholarship, instruction, and engagement. Candidates should address at least one of these areas in the cover letter, indicating past experiences, current interests or activities, and/or future goals to promote a climate that values diversity, and inclusion. Salary and benefits are competitive, and Purdue is a dual-career friendly employer.

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