

Tenure-Track/Tenured Professors in Computer Science - Data Science

Job Summary

The Department of Computer Science in the College of Science at Purdue University invites applications for tenure-track or tenured positions in the broad area of data science. Appointments are expected to be at the level of Assistant or Associate Professor. The appointments would start in August 2023 or a future date, subject to negotiation. Early career candidates with exceptional qualifications may be considered for a term-limited early career endowed professorship.

We are interested in all standard aspects of data science relevant to computer science, including:

- systems research into data-science computing platforms
- theory and data science
- computational science and engineering, scientific computing, and scientific machine learning
- numerical optimization and numerical methods for data science
- high performance computing for data science
- topological and geometric aspects of data analysis
- software engineering for data science.

The positions are part of a continuing expansion in a large-scale hiring effort across key strategic areas in the College of Science. Please also see additional Computer Science positions posted separately, as data science candidates may also be appropriate for those positions. There are additional posted positions in data science at Purdue in both the Mathematics and Statistics departments. Candidates are encouraged to apply for all that are relevant. Joint appointments with other departments are possible based on candidate and departmental interests.

Qualifications

Applicants must hold a PhD in Computer Science or a related discipline, have demonstrated excellence in research, and have a strong commitment to teaching. We particularly encourage candidates who demonstrate the potential for collaboration across multiple disciplines.

Principal Duties

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 Department and College

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

Computer Science is part of the College of Science, which comprises the computing, physical, and life sciences at Purdue. It is the second-largest college at Purdue with over 350 faculty and more than 7,000 students. Opportunities for collaboration exist across mathematics, probability, statistics, and the physical and life sciences. Purdue itself is one of the nation's leading land-grant universities, with an enrollment of over 50,000 students primarily focused on STEM subjects.

Application Procedure

Applications need to be submitted to [this site](#), they will need to include (1) a complete curriculum vitae, (2) a statement of research, (3) a statement of teaching, and 4) at least three names of reference.

Purdue University, the College of Science, and the Department of Computer Science are committed to advancing diversity in all areas of faculty effort, including discovery, instruction, and engagement. Purdue University, the College of Science, and the Department of Computer Science are committed to free and open inquiry in all matters. Candidates are encouraged to address in their cover letter how they are prepared to contribute to a climate that values free inquiry and academic freedom.

Reference Collection

After submitting the application, you will receive an email from system@successfactors.com titled "Follow-up to your application." Please follow the instructions in the email to submit your references. **You MUST complete this step in order to move forward in the process.**

A background check will be required for employment in this position. Review of applications and interviews will begin December 1, 2022 and will continue until positions are filled. Inquiries can be sent to ds-search@cs.purdue.edu.

Purdue University is an EOE/AA employer fully committed to achieving a diverse workforce. All individuals, including minorities, women, individuals with disabilities, and veterans are encouraged to apply.