PURDUE UNIVERSITY

Purdue Graduate Program in Computer Science

The CS graduate admission committee's recommendation for admission to our master's and PhD program is based on a holistic approach. It is based on a combination of the following criteria traditionally submitted in the application: CS course background and GPA, letters of recommendation, statement of purpose, research experience, publications, and English Proficiency. **GRE scores are not required**.

An applicant's goal should be to convince the CS grad admissions committee that they have the prerequisites for Purdue's required graduate courses in Algorithms, Systems, Compilers and Programming Languages (i.e. have at least the knowledge base equivalent to the content of Purdue CS 381, 250, and 252) are proficient in English, and are a good fit for the research interests of our faculty. PhD applicants are also expected to show potential for independent research. To view descriptions of the above courses you can web-search "Purdue CS381, Purdue CS250" etc. to see syllabus information from previous terms.

Information on CS faculty and their research: https://www.cs.purdue.edu/research/index.html

Financial support in terms of fellowships, research and teaching assistantship is offered to top applicants with a doctoral degree objective. There is no need to apply for it. Faculty members have access to all applications and those faculty members in need of research assistants will contact applicants through the CS graduate office.

Key Requirements for Admission

- Graduate students are expected to learn on their own whatever programming languages may be needed for the courses they take
- Understanding of the foundational concepts of computer science
- Familiarity with data structures and their implementations in different languages
- An understanding of computer architecture, compilers, the analysis of algorithms, operating systems, distributed systems, networks, and programming languages
- Knowledge of mathematics through differential equations, linear and matrix algebra, and numerical methods. Proficiency in a programming language such as Java, C, or C++

Applying for PhD Program at Purdue

- Go to https://www.cs.purdue.edu/graduate/admission/steps.html and complete the electronic graduate school application. You may upload documents into the miscellaneous section of the online application after submission

Note:
- We have made minor adjustments to our traditional application process to streamline admission of the two applicants from your university. Please see below for what the student must include and what they can dismiss from the CS department's regular application requirements
- Our application deadline for Fall 2018 was December 20th, 2017 however we will be making an exception for the student(s) you have selected to apply to our CS PhD program. Please send names of applicants to Kelsey Vance, Graduate Program Coordinator at vance12@purdue.edu once the applications have been submitted. Fall 2018 classes begin Monday, August 20th

The Application Must Include:
- Completed *CS Supplementary Form* found here: https://www.cs.purdue.edu/graduate/curriculum/docs/cs_supp_form.pdf
- Up-to-date Curriculum Vitae
- Transcripts from all universities attended
- Statement from a CS faculty member or administrator at current university recommending the student's admission to PhD

The Application Does Not Need To Include:
- GRE scores
- A diversity essay
- English Scores (student will need English scores to be *officially admitte*d to the Purdue however they do not need to be completed by the time the application is submitted) English requirements found here: https://www.cs.purdue.edu/graduate/admission/english.html
- Statement of Purpose
- Letters of Recommendation (student will be required to list three recommenders in the electronic application in order to submit it however actual letters do not need to be completed)