

Carnegie Mellon University

APPLICATION TO THE SCHOOL OF COMPUTER SCIENCE DOCTORAL PROGRAMS

Doctoral Programs

The School of Computer Science at Carnegie Mellon University offers a range of PhD programs tailored to meet the needs of students with a variety of backgrounds, interests, and specializations. These programs include a general doctoral degree in Computer Science, as well as six more specialized interdisciplinary doctoral degrees. Each program provides unique educational opportunities. To explore all of our offerings, please consult the pages maintained by each program. The doctoral degrees offered are Computer Science, Robotics, Language and Information Technologies, Human Computer Interaction, Software Engineering, Computational and Statistical Learning, and Computation, Organizations and Society (in chronological order of inception). In addition, within three of these programs, you can choose to specialize further in the Neural Basis of Cognition program. Note also that the School supports some transfers from one program to another after the first year of enrollment.

Indicate the program(s) to which you are applying. You may select no more than two boxes. The application fee is \$85 for one program and \$140 for two.

- Ph.D. in Computer Science
- Ph.D. in Computer Science / Neural Basis of Cognition
- Ph.D. in Robotics
- Ph.D. in Robotics / Neural Basis of Cognition
- Ph.D. in Language and Information Technologies
- Ph.D. in Human-Computer Interaction
- Ph.D. in Software Engineering
- Ph.D. in Computational and Statistical Learning
- Ph.D. in Computational and Statistical Learning / Neural Basis of Cognition
- Ph.D. in Computation, Organizations and Society

Note: If you are interested in the Neural Basis of Cognition programs, you may apply to either the PhD in Computer Science or the PhD in Computer Science/Neural Basis of Cognition (NBC), but not both. Likewise, apply to either the Robotics or the Robotics/NBC program; Computational and Statistical Learning (CALD) or the Computational and Statistical Learning/NBC program.

Personal Data

Mr. Ms.

Family name _____

Given name and middle name (if any) _____

U.S. Social Security number (if any) _____

Are you a U.S. citizen? Yes ___ No ___ Or are you a permanent resident of the U.S.? Yes ___ No ___

Optional Information: If you need a student visa, the following information is required to issue an INS Certificate of Eligibility (I-20). Providing this information will not affect the consideration of your application in any way.

Date of birth _____

City of birth _____

Country of birth _____

Country of citizenship _____

If you are a non-resident alien currently in the U.S., what is your immigration status? _____

Optional Information: The following items are *optional*. No information you provide will be used in a discriminatory manner.

If you wish to be identified with a particular ethnic group, please check all that apply:

- African American, Black
- Mexican American, Chicano
- Native American, Alaska Native (tribal affiliation _____)
- Asian American (country of family's origin _____)
- Asian, including Indian Subcontinent (country _____)
- Hispanic, Latino (country _____)
- Mexican American, Chicano
- Native Hawaiian, Pacific Islander
- Puerto Rican
- White or Caucasian
- Other (specify _____)

Contact Data

Current address (until ____/____/____)

 Telephone

 Electronic network mailing address

Permanent address (if same as current, leave blank)

 Telephone

 URL of home page (optional)

Test Scores

Indicate the date(s) on which you took each of the following tests:

GRE General:	_____	Verbal	_____	_____	Quantitative	_____	_____	Analytical	_____	_____	Writing	_____	_____
	Date		Score	%		Score	%		Score	%	Score	%	
*GRE Subject:	_____	_____	_____	_____	Subject Area	_____	_____	TOEFL:	_____	_____	_____	_____	_____
	Date	Score	%						Date	Total Score	Listening	Writing	Reading

**See individual program requirements.*

Transcripts

Official transcripts of all undergraduate and graduate work must be provided. List all colleges that you have attended, regardless of whether credit or a degree was obtained.

_____ Name of institution	_____ mm/yy entered	_____ mm/yy left	_____ Degree granted	_____ Major subject
	_____ QPA	_____ QPA in major		
_____ Name of institution	_____ mm/yy entered	_____ mm/yy left	_____ Degree granted	_____ Major subject
	_____ QPA	_____ QPA in major		
_____ Name of institution	_____ mm/yy entered	_____ mm/yy left	_____ Degree granted	_____ Major subject
	_____ QPA	_____ QPA in major		

Letters of Recommendation

You must provide three letters of recommendation. At least two must be from faculty who know your work well.

_____ Recommender's name	_____ Title and affiliation
_____	_____
_____	_____

Fellowship Applications (Optional)

Providing information about fellowships is optional. It is used for informational purposes only. Please list up to three fellowships for which you have applied or are currently applying.

Resume

Submit your current resume. Outline your education, research experience, work experience, publications, scholarships awarded, prizes and honors received, society memberships, and any other extracurricular activities.

Publications

Include with your application copies of your published papers (in English only).

Statement of Purpose

Prepare a concise one or two page Statement of Purpose in the format below. If you opted to apply to two programs, you may (but are not required to) submit a separate Statement of Purpose for each program.

Part I. Briefly state your primary interest of study within Computer Science, Human-Computer Interaction, Language and Information Technologies, Robotics, Software Engineering, Computational and Statistical Learning, or Computation, Organizations and Society. Be as specific as possible in describing your interests.

Part II. State your objective in pursuing a Ph.D. and why you are applying to Carnegie Mellon.

Part III. Describe the work and preparation you have done related to your PhD objective. List here any relevant industrial, commercial, government or teaching experience.

Part IV. Include any additional information you wish to supply to the admissions committee.

Notes on specific programs:

Human-Computer Interaction applicants: Indicate your intended area of emphasis in Part I of your Statement of Purpose. Applicants may submit a portfolio, if appropriate to your background. Portfolio materials can include a sleeve of at most twenty slides, CD, URLs, up to ten pages of print material, and/or a videotape. Please clearly describe the content and text of the work on a separate sheet.

Software Engineering applicants: Concisely summarize your background in software development, experience with particular parts of the software life cycle, and how your research/industrial experience prepares you for graduate-level academic work.

Computation, Organizations and Society applicants: Indicate your intended area of interest in Part I of your Statement of Purpose. For those with industrial/government experience, please describe how this experience prepares you for graduate-level academic work. Applicants may include a short prior publication URL related to their research interests.

Instructions

The non-refundable application fee of either \$85 or \$140 must accompany this form in order to be considered for admission. A check or money order should be made payable to Carnegie Mellon University. Do not send cash or stamps. Foreign applicants should pay by a check drawn on a U.S. bank.

By **December 15** mail this application form, application fee, sealed transcripts, three sealed letters of recommendation, resume, publications, and statement of purpose to the address below:

**Martha Clarke, Graduate Admissions Coordinator
School of Computer Science
Carnegie Mellon University
5000 Forbes Avenue
Pittsburgh, PA 15213-3891
USA**

Signature

I certify that the information and supporting materials enclosed in this application are accurate, original, and completed to the best of my ability.

Signature of Applicant

Date

Carnegie Mellon University does not discriminate and Carnegie Mellon University is required not to discriminate in admission, employment, or administration of its programs or activities on the basis of race, color, national origin, sex or handicap in violation of Title VI of the Civil Rights Act of 1964, Title IX of the Educational Amendments of 1972 and Section 504 of the Rehabilitation Act of 1973 or other federal, state, or local laws or executive orders. In addition, Carnegie Mellon University does not discriminate in admission, employment or administration of its programs on the basis of religion, creed, ancestry, belief, age, veteran status, sexual orientation or in violation of federal, state, or local laws or executive orders. However, in the judgment of the Carnegie Mellon Human Relations Commission, the Department of Defense policy of, "Don't ask, don't tell, don't pursue," excludes openly gay, lesbian and bisexual students from receiving ROTC scholarships or serving in the military. Nevertheless, all ROTC classes at Carnegie Mellon University are available to all students. Inquiries concerning application of these statements should be directed to the Provost, Carnegie Mellon University, 5000 Forbes Avenue, Pittsburgh, PA 15213, telephone 412-268-6684 or the Vice President for Enrollment, Carnegie Mellon University, 5000 Forbes Avenue, Pittsburgh, PA 15213, telephone 412-268-2056. Carnegie Mellon University publishes an annual campus security report describing the university's security, alcohol and drug, and sexual assault policies and containing statistics about the number and type of crimes committed on the campus during the preceding three years. You can obtain a copy by contacting the Carnegie Mellon Police Department at 412-268-2323. The security report is available through the World Wide Web at <http://www.cmu.edu/police/statistics.htm>. Carnegie Mellon University makes every effort to provide accessible facilities and programs for individuals with disabilities. For accommodations/services please contact the Equal Opportunity Services Office at 412-268-2012. Obtain general information about Carnegie Mellon University by calling 412-268-2000.