

Date of Application: \_\_\_\_\_

**Personal Data:**

Mr.

Ms.

Family Name

Given Name

Are you a United States citizen or a permanent resident of the United States? Yes  No

If you answered No, the following information is needed to issue an INS Certificate of Eligibility (Form IAP-66 or I-20). Providing this information will in no way affect the consideration of your application

Country of Citizenship

Country of Birth

City of Birth

Date of Birth

Native Language

Undergraduate Language

If you are a nonresident alien in the United States, what is your immigration status? \_\_\_\_\_

**Contact Data:**

Current address (address to which you wish correspondence to be sent)

City

State

Zip or Postal Code

Phone

Fax

Email Address

Alternate Address (if applicable)

Alternate Phone

Date of Birth

**Supporting Data:**

List all colleges that you have attended, including Carnegie Mellon, regardless of whether credit or a degree was obtained. Enclose one transcript from each institution.

Name of Institution

Date entered

Date left

Degree granted or expected

Major

GPA in Major

Overall GPA

Name of Institution

Date entered

Date left

Degree granted or expected

Major

GPA in Major

Overall GPA

Name of Institution

Date entered

Date left

Degree granted or expected

Major

GPA in Major

Overall GPA

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 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. Obtain general information about Carnegie Mellon University by calling (412)268-2000.

**Recommendations, Honors, Experiences:**

Please provide three letters of recommendation. One should be from an instructor who knows your academic work well, one from a supervisor who knows your project work, and one from a person (past supervisor, colleague) who is familiar with your experience as it relates to HCI. Please list their names and positions below.

1.	Name	Title
	Company/University	Email
2.	Name	Title
	Company/University	Email
3.	Name	Title
	Company/University	Email

List scholarships, prizes, honors, society memberships and publications on an additional page, if applicable.

**Statement of Purpose:**

On a separate sheet, type a concise statement in the following format:

- Part 1:** Your objective in pursuing a Master of Human Computer Interaction degree, including your career goals, and your reasons for choosing to apply for accelerated study at Carnegie Mellon.
- Part 2:** Your background in Human-Computer Interaction or other fields relevant to your objective. Describe how your academic, industrial or commercial experience prepares you for admission to the AMHCI program. Please verify that your description here is consistent with your resume. Please outline the areas in Human-Computer Interaction with which you have experience or exposure.
- Part 3:** Any additional details you wish to give the Admissions Committee, including projects on which you have worked.

I verify that the information I have provided on this form and elsewhere in my application are complete and correct to the best of my knowledge.

Signature	Date
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Please mail this completed application packet and a check for \$75.00 to:

Nicole Willis  
Academic Program Coordinator  
Human Computer Interaction Institute  
Carnegie Mellon University  
300 S. Craig Street Suite 229  
Pittsburgh, PA 15213

# Prerequisite Knowledge Form

## Accelerated Masters in Human-Computer Interaction

Applicant Name: \_\_\_\_\_ Date of Application: \_\_\_\_\_

**NOTE: Only courses for which you have earned a “C” or higher will be considered when determining the fulfillment of our prerequisites.**

### **PROGRAMMING**

Proficiency in a programming language such as C, programming methodology and style, problem analysis, data abstraction, and dynamic data can normally be demonstrated through an introductory course in programming in C, C++, Pascal or JAVA.

The following Carnegie Mellon courses fulfill this prerequisite:

**15-111 Programming Fundamentals:** This half-semester mini course provides an introduction to programming in C++ for students who have no prior programming experience. Topics include basic data types and their operators, I/O, control structures (selection, loops), program design analysis, functions, parameter passing, files and simple one-dimensional arrays.

#### **AND**

**15-112 Object Based Programming I:** This half-semester mini course provides an introduction to object-based programming in C++. Topics include multi-dimensional arrays, vectors, matrices, classes and object-based programming techniques, searching and sorting algorithms, and an introduction to algorithm analysis.

#### **AND**

**15-113 Object-Based Programming II:** This half-semester mini course covers topics including classes and advanced object-based programming techniques, dynamically allocated data structures including linked lists, stacks, queues, trees, heaps, and graphs, and simple analysis of the algorithms that operate those data structures, and templates (the STL).

Please list all courses you have taken which you feel satisfy this prerequisite, along with the grade you received. To aid in assessing your background, please attach a photocopy or printout of descriptions of the courses you took that appear most similar to the Carnegie Mellon descriptions above.

**NOTE: Only Computer Programming courses for which you have earned a grade of “C” or better will be considered when determining the fulfillment of our prerequisites.**

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## **DESIGN**

Familiarity with the visual and verbal vocabulary of graphic designers, with the design process, and with the communicative value of word and image is often met through a typography class. To enable students to participate in our program, the design prerequisite may be fulfilled in the first semester in place of one of the six electives.

The following Carnegie Mellon course fulfills this prerequisite:

**51-261 Communication Design Fundamentals:** A one-semester course that introduces non-majors to the field of communication design. Through studio projects, lectures, and demonstrations, students become familiar with the visual stylings and design vocabulary of communication designers, the design process, and communicative power and value of word and image.

Please list all courses you have taken which you feel satisfy this prerequisite, along with the grade you received. To aid in assessing your background, please attach a photocopy or printout of descriptions of the courses you took that appear most similar to the Carnegie Mellon descriptions above.

NOTE: Only Design courses for which you have earned a grade of "C" or better will be considered when determining the fulfillment of our prerequisites.

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## **STATISTICS**

Basic concepts, logic, and issues involved in statistical reasoning, such as probability theory, methods for statistical inference, introductory research methods, exploratory data analysis, and the use of some statistical tests in the regression analysis and the contingency table families.

The following Carnegie Mellon course fulfills this prerequisite:

**36-220 Engineering Statistics and Quality Control:** This is a course in introductory statistics for engineers with emphasis on modern product improvement techniques. Besides basic probability, distribution theory and statistical inference, special topics include exploratory data analysis, experimental design, regression control charts and acceptance sampling. This course also provides an introduction to a major statistical software package.

Statistics for the behavioral or social sciences or engineering are acceptable, as long as the concepts listed above, or the equivalent, are covered.

Please list all courses you have taken which you feel satisfy this prerequisite, along with the grade you received. To aid in assessing your background, please attach a photocopy or printout of descriptions of the courses you took that appear most similar to the Carnegie Mellon descriptions above.

NOTE: Only Statistics courses for which you have earned a grade of "C" or better will be considered when determining the fulfillment of our prerequisites.

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# Recommendation Form

## Accelerated Masters Human-Computer Interaction

Date of Application: \_\_\_\_\_

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**Applicant's Section:**

Family Name

Given Name

The Family Educational Rights and Privacy Act (FERPA) allows you the right, if you enroll at Carnegie Mellon University, to review your educational records. The act further provides that you waive your rights to see recommendations for admission. Please indicate below whether you wish to waive that right.

- I waive my right of access that I have to this recommendation form.  
 I do not waive my right of access that I have to this recommendation form.

Applicant's Signature

Date

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**Recommender's Section:**

Name of Recommender

Title

Institution

City

State

Zip or Postal Code

Phone

Fax

Email Address

Recommender's Signature

Date

Please ask each recommender to forward the signed, sealed original letter of recommendation and the evaluation form to the address listed below.

Nicole Willis  
Academic Program Coordinator  
Human Computer Interaction Institute  
Carnegie Mellon University  
300 S. Craig Street Suite 229  
Pittsburgh, PA 15213

Applicant Name: \_\_\_\_\_

**For the Recommender:**

**Part 1: Group work/Interpersonal Evaluation**

On a scale from 1 to 5, please fill out the following evaluation in regards to the applicant's group work capabilities.

1 = poor, would not recommend to 5 = excellent, would highly recommend

1. Follows established group processes, procedures, and guidelines

5            4            3            2            1            Unknown

2. Does his or her fair share of the work

5            4            3            2            1            Unknown

3. Does high quality work

5            4            3            2            1            Unknown

4. Meets agreed upon task schedules

5            4            3            2            1            Unknown

5. Demonstrates initiative within his/her assigned area of responsibility

5            4            3            2            1            Unknown

6. Interacts with others in an effective, tactful and pleasant manner

5            4            3            2            1            Unknown

7. Expresses ideas in a clear, concise manner

5            4            3            2            1            Unknown

8. Regularly asks for, listens to and understands others' viewpoints

5            4            3            2            1            Unknown

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