# NYU CS Depth Qualifying Exam Form version: June, 2003

Student's name: _____ ID#: _____ date: _____

IMPORTANT: This form should be returned to the Graduate Program Coordinator by one of the members of the committee. It should NOT be returned to the student. If the advisor is not a member of the committee, please attach the letter from the advisor to the committee.

From the Ph.D. Program Rules:

*The DQE has two parts:*

*(2a) An examination to demonstrate the student's knowledge of the research area. The scope of this exam should be similar to a typical PhD-level special topics course. It should not be as broad as an introductory course nor as narrow as a thesis. Examples of suitable topics are "Type theory in programming languages", "Probabilistic algorithms", "Computational learning theory", "3-D modeling", "Semidefinite programming", and "Low-power computing". Topics such as "Databases" or "Programming languages" would be too broad; topics such as "Voronoi diagrams" or "Tail-recursion optimization" would be too narrow. This exam may be oral or written, at the discretion of the committee. The requirement is that it seriously test the student's knowledge of a research area as distinct from the student's research accomplishments.*

*(2b) An oral presentation of the student's research accomplishments. A student is expected to have conducted original research by the time of the exam. This research may have have been carried out independently or in collaboration with faculty, research staff, or other students. Students are encouraged, but not required, to have publication-worthy results by the time of the exam. It is not sufficient for a student to present a survey of previous work in an area or a reimplementation of algorithms, techniques, or systems developed by others.*

*The committee, by majority vote, gives a separate grade for (2a) and (2b) as one of "PhD Pass", "MS Pass", or "Fail." A PhD pass on both parts must be achieved for support to be continued beyond the second year. A student who receives a "PhD Pass" on only one part of the exam may request permission from the committee to retake only the other part of the exam.*

Research advisor: _____

Exam area: _____

First part grade (examination in the research area): Ph.D. Pass, M.S. Pass, Fail

Second part grade (eesearch presentation): Ph.D. Pass, M.S. Pass, Fail

Depth Qualifying Exam committee member names and signatures (at least three):

1. Chair: _____

2. _____

3. _____

4. _____

5. _____