NC STATE UNIVERSITY

University Planning & Analysis
2012 Alumni Survey Insert
Department of Computer Science

intro The Computer Science Program at North Carolina State University has defined specific Program Educational Objectives that graduates are expected to attain within a few years after graduation. As part of our ABET accreditation, we must demonstrate the extent to which our graduates have attained these Program Educational Objectives since graduating from NC State. We appreciate your taking the time to answer these questions.

Q1 For each of the following Program Educational Objectives (PEO), please consider your experiences and opportunities since earning your undergraduate degree in Computer Science, and indicate the extent to which you have attained the objectives described.

	Not at all attained (1)	To a small extent attained (2)	To a moderate extent attained (3)	To a large extent attained (4)	To a very large extent attained (5)	Not applicable (0)
Apply their knowledge of computer science to problems encountered in their professional careers or in pursuit of advanced degrees. (1)	○	○	○	○	○	○
Use evolving technologies, analytical thinking, and design to address contemporary issues. (2)	○	○	○	○	○	○
Communicate well orally and in writing, interact professionally, and work effectively on	○	○	○	○	○	○

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multidisciplinary teams to achieve project objectives. (3)						
Uphold high ethical standards, including concern for the impact of computing on individuals, organizations, and society. (4)	○	○	○	○	○	○
Engage in lifelong learning to enhance their professional capabilities. (5)	○	○	○	○	○	○

Q2 Please share any feedback you have on the appropriateness of the five Program Educational Objectives above. Specifically, which, if any, would you drop and why? What, if anything, is missing?

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Q3 How often have you done each of the following activities since earning your undergraduate degree?

	Never (0)	Seldom (1)	Sometimes (2)	Often (3)	Routinely (4)
Applied knowledge from your major in computer science (1)	○	○	○	○	○
Engaged in analytical thinking (2)	○	○	○	○	○
Designed a system, component, or process (3)	○	○	○	○	○
Used evolving technology (4)	○	○	○	○	○
Identified, formulated, or solved computer science problems (5)	○	○	○	○	○
Considered the impact of computing on individuals, organizations, and society (6)	○	○	○	○	○
Exercised ethical and professional responsibility (7)	○	○	○	○	○
Functioned as a member of a team (8)	○	○	○	○	○
Written reports and other	○	○	○	○	○

documents (9)					
Made oral presentations (10)	○	○	○	○	○
Incorporated different perspectives and points of view (11)	○	○	○	○	○
Kept abreast of developments and advances in computer science (12)	○	○	○	○	○
Pursued graduate education or a professional degree (13)	○	○	○	○	○

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Q4 Please indicate the number of times you have done each of the following since earning your undergraduate degree in Computer Science.

	Never (0)	Once (1)	Twice (2)	Three times (3)	Four or more times (4)
Attended events (e.g. networking events, product marketing fairs, career fairs) to learn about advances in my field (1)	❍	❍	❍	❍	❍
Attended a conference in my field (2)	❍	❍	❍	❍	❍
Published an article in a professional magazine or journal (3)	❍	❍	❍	❍	❍
Submitted an invention disclosure or patent application (4)	❍	❍	❍	❍	❍
Taken a short course/workshop in my field (5)	❍	❍	❍	❍	❍
Taken a short course/workshop in a field outside my formal training (6)	❍	❍	❍	❍	❍
Taken a semester-long course to broaden my knowledge in fields outside my formal training	❍	❍	❍	❍	❍

(7) Taken a graduate course in my field (8)	○	○	○	○	○

Q5 How many different professional organizations have you been a member of since graduating?

○   0 (0)
○   1 (1)
○   2 (2)
○   3 (3)
○   4 or more (4)

Q6 Have you obtained a postgraduate certificate since graduating? (Note: This does not include any advanced degrees you might have obtained, e.g., Masters, Doctoral, etc.)

○   Yes (please specify what certificate(s) you have obtained) (1) _____
○   No (0)

Q7 Have you obtained professional licensure?

○   Yes (1)
○   No, but plan to do so in the next three years (2)
○   No, but might do so at some point in the future (3)
○   No, and do not plan on doing so (4)

Answer If Have you obtained professional licensure? No, but plan to do so in the <u>next three years</u> Is Selected

Q8 Have you reviewed any licensure preparation materials?

○   Yes (1)
○   No (0)

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Answer If insert2 Is Equal to NONE

outro1 Thank you for completing the Computer Science Program Survey! You must click on the 'submit' button in order for your responses to be saved. You will not be able to return to this survey once you submit your responses.

Answer If insert2 Is Not Equal to NONE

outro2 Thank you for completing the Computer Science Program Survey! You must click on the 'submit' button in order for your responses to be saved. You will then be taken to a brief survey specifically for alumni who graduated from the ${e://Field/prog2}.