**2021 Alumni Survey:  
Department of Computer Science**   
As a graduate of the College of Engineering and the Department of Computer Science, your opinions are very important in our programming and planning efforts. We appreciate your taking the time to answer a few questions specifically related to your experiences in your college and department.

CAC1 **1. Are you employed in the field in which you received your degree?**

* Yes (1)
* No (0)

CAC2 **2. Have you had formal education beyond your bachelor's degree in Computer Science?**

* Yes (1)
* No (0)

CAC **Please rate the preparation you received in your program at NC State University for each of the following:**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Excellent  (5) | Good  (4) | Average  (3) | Fair  (2) | Poor  (1) | Not applicable  (8) |
| 3. The ability to apply knowledge from your major in computer science (3) |  |  |  |  |  |  |
| 4. The ability to apply knowledge of mathematics and science (4) |  |  |  |  |  |  |
| 5. The ability to design and conduct experiments (5) |  |  |  |  |  |  |
| 6. The ability to analyze and interpret data (6) |  |  |  |  |  |  |
| 7. The ability to design a system, component, or process to meet desired needs (7) |  |  |  |  |  |  |
| 8. The ability to function on multidisciplinary teams (8) |  |  |  |  |  |  |
| 9. The ability to identify, formulate, and solve computer science problems (9) |  |  |  |  |  |  |
| 10. The ability to use the techniques and skills necessary of computer science practice (10) |  |  |  |  |  |  |

CAC **Please rate the preparation you received in your program at NC State University for each of the following: (continued)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Excellent  (5) | Good  (4) | Average  (3) | Fair  (2) | Poor  (1) | Not applicable  (8) |
| 11. The ability to use modern tools necessary for computer science practice (11) |  |  |  |  |  |  |
| 12. An understanding of professional and ethical responsibility (12) |  |  |  |  |  |  |
| 13. A broad education necessary to understand the impact of computing solutions in a global and societal context (13) |  |  |  |  |  |  |
| 14. A recognition of the need for, and ability to engage in, lifelong learning (14) |  |  |  |  |  |  |

CAC **Thinking about your experience in your profession, how important were the following undergraduate learning experiences?**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Very important  (5) | Important  (4) | Moderately important  (3) | Of limited importance  (2) | Not important  (1) | Not applicable  (8) |
| 15. Computing assignments that required classroom presentations to gain good oral presentation skills (15) |  |  |  |  |  |  |
| 16. Computing assignments that required written reports to gain good report-writing skills (16) |  |  |  |  |  |  |
| 17. Computing assignments related to the knowledge of contemporary issues (17) |  |  |  |  |  |  |
| 18. The senior design project(s) that provided an opportunity to integrate learning in major and non-major courses (18) |  |  |  |  |  |  |

CAC **Thinking about your experience in your profession, how important were the following undergraduate learning experiences? (continued)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Very important  (5) | Important  (4) | Moderately important  (3) | Of limited importance  (2) | Not important  (1) | Not applicable  (8) |
| 19. Design activities throughout the program (19) |  |  |  |  |  |  |
| 20. Coursework activities in the program as a whole that required synthesis, creativity, and open-ended thinking (20) |  |  |  |  |  |  |
| 21. Computing exercises in courses (21) |  |  |  |  |  |  |
| 22. Hands-on experiences in computing lab courses (22) |  |  |  |  |  |  |

CAC **Do you agree or disagree that you were given enough experiences in the College of Engineering and Department of Computer Science in the following areas?**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Agree  (5) | Tend to agree  (4) | Neither agree nor disagree  (3) | Tend to disagree  (2) | Disagree  (1) | Not applicable  (8) |
| 23. Computing assignments that required classroom presentations to gain good oral presentation skills (23) |  |  |  |  |  |  |
| 24. Computing assignments that required written reports to gain good report-writing skills (24) |  |  |  |  |  |  |
| 25. Computing assignments related to the knowledge of contemporary issues (25) |  |  |  |  |  |  |
| 26. The senior design project(s) that provided an opportunity to integrate learning in major and non-major courses (26) |  |  |  |  |  |  |

CAC **Do you agree or disagree that you were given enough experiences in the College of Engineering and Department of Computer Science in the following areas? (continued)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Agree  (5) | Tend to agree  (4) | Neither agree nor disagree  (3) | Tend to disagree  (2) | Disagree  (1) | Not applicable  (8) |
| 27. Design activities throughout the program (27) |  |  |  |  |  |  |
| 28. Coursework activities in the program as a whole that required synthesis, creativity, and open-ended thinking (28) |  |  |  |  |  |  |
| 29. Computing exercises in courses (29) |  |  |  |  |  |  |
| 30. Hands-on experiences in computing lab courses (30) |  |  |  |  |  |  |

CAC  **How frequently do you do each of the following?**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Very frequently  (5) | Frequently  (4) | Sometimes  (3) | Seldom  (2) | Very seldom, if ever  (1) |
| 31. Attend meetings or conferences of professional societies (31) |  |  |  |  |  |
| 32. Publish articles, papers, etc. for the general benefit of the field (32) |  |  |  |  |  |
| 33. Upgrade your technical skills through formal courses, short courses, seminars, or self-paced instruction (33) |  |  |  |  |  |
| 34. Upgrade your technical skills by reading journals/periodicals in your field or use electronic media such as the internet for research, reference, or problem solving (34) |  |  |  |  |  |

CAC42\_new **42\_new In which of the following CSC department-specific activities did you participate while an undergraduate? *(Mark all that apply)***

|  |  |
| --- | --- |
|  | Yes - did participate in (1) |
| 42\_1. Fidelity Investment Speaker Series seminars (1) |  |
| 42\_2. CSC seminars (2) |  |
| 42\_3. CSC Undergraduate Research Lightning Talks (3) |  |
| 42\_4. ACM/AITP Events (4) |  |
| 42\_5. Women in Computer Science Events (5) |  |
| 42\_6. CSC Student Ambassadors (6) |  |
| 42\_7. Teaching Assistant/Grader/Lab Instructor position (7) |  |

Display This Question:

If In which of the following CSC department-specific activities did you participate while an undergr... [ Yes – did participate in] (Count) != 0

CAC43\_new To what extent did the CSC department-specific activity have an impact on your career thus far?

Display This Choice:

If In which of the following CSC department-specific activities did you participate while an undergr... = Fidelity Investment Speaker Series seminars [ Yes - did participate in ]

Display This Choice:

If In which of the following CSC department-specific activities did you participate while an undergr... = CSC seminars [ Yes - did participate in ]

Display This Choice:

If In which of the following CSC department-specific activities did you participate while an undergr... = CSC Undergraduate Research Lightning Talks [ Yes - did participate in ]

Display This Choice:

If In which of the following CSC department-specific activities did you participate while an undergr... = ACM/AITP Events [ Yes - did participate in ]

Display This Choice:

If In which of the following CSC department-specific activities did you participate while an undergr... = Women in Computer Science Events [ Yes - did participate in ]

Display This Choice:

If In which of the following CSC department-specific activities did you participate while an undergr... = CSC Student Ambassadors [ Yes - did participate in ]

Display This Choice:

If In which of the following CSC department-specific activities did you participate while an undergr... = Teaching Assistant/Grader/Lab Instructor position [ Yes - did participate in ]

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | A great deal  (4) | Somewhat  (3) | A little  (2) | Not at all  (1) |
| Display This Choice:  If In which of the following CSC department-specific activities did you participate while an undergr... = Fidelity Investment Speaker Series seminars [ Yes - did participate in ]  43\_new\_1. Fidelity Investment Speaker Series seminars (1) |  |  |  |  |
| Display This Choice:  If In which of the following CSC department-specific activities did you participate while an undergr... = CSC seminars [ Yes - did participate in ]  43\_new\_2. CSC seminars (2) |  |  |  |  |
| Display This Choice:  If In which of the following CSC department-specific activities did you participate while an undergr... = CSC Undergraduate Research Lightning Talks [ Yes - did participate in ]  43\_new\_3. CSC Undergraduate Research Lightning Talks (3) |  |  |  |  |
| Display This Choice:  If In which of the following CSC department-specific activities did you participate while an undergr... = ACM/AITP Events [ Yes - did participate in ]  43\_new\_4. ACM/AITP Events (4) |  |  |  |  |
| Display This Choice:  If In which of the following CSC department-specific activities did you participate while an undergr... = Women in Computer Science Events [ Yes - did participate in ]  43\_new\_5. Women in Computer Science Events (5) |  |  |  |  |
| Display This Choice:  If In which of the following CSC department-specific activities did you participate while an undergr... = CSC Student Ambassadors [ Yes - did participate in ]  43\_new\_6. CSC Student Ambassadors (6) |  |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | A great deal  (4) | Somewhat  (3) | A little  (2) | Not at all  (1) |
| Display This Choice:  If In which of the following CSC department-specific activities did you participate while an undergr... = Teaching Assistant/Grader/Lab Instructor position [ Yes - did participate in ]  43\_new\_7. Teaching Assistant/Grader/Lab Instructor position (7) |  |  |  |  |

cac35 **35. While an undergraduate at NC State, did you take courses beyond those required in your curriculum to satisfy a personal interest or career objective?**

* Yes (1)
* No (0)

Display This Question:

If While an undergraduate at NC State, did you take courses beyond those required in your curriculum… = Yes

cac36 **36. Were the courses in your major or outside of your major?**

* In major (1)
* Outside major (2)
* Both (3)

cac37 **37. What courses in your program were most useful to you and why?**

cac38 **38. What courses in your program were least useful to you and why?**

cac39 **39. Based on your experiences since receiving your bachelor's degree, what subject matter would you suggest for new courses in your discipline?**

cac40 **40. From your present perspective, are there things that we might have done better? Please describe.**

cac41 **41. Please use this space to share any general comments you have about your experience in the College of Engineering or your department, and/or tell us why you were particularly satisfied or dissatisfied with any aspect of your education in the college.**