

Pre/Post Survey

Background & Demographic Information

1. First name:
2. Last name:
3. Elon email address:
4. What is your year at Elon University? Provide your year as it corresponds to your expected graduation date, not according to credit hours.
 - ☐ First-year
 - ☐ Sophomore
 - ☐ Junior
 - ☐ Senior
5. What is your major at Elon?
 - ☐ Major #1 _____
 - ☐ Major #2 (if applicable) _____
6. What is your minor at Elon (if applicable)?
 - ☐ Minor #1 _____
 - ☐ Minor #2 (if applicable) _____
 - ☐ Additional minors (if applicable) _____
7. Are you engaging, or do you hope to engage, in research at Elon through one of the following:
 - ☐ College Fellows
 - ☐ Honors Fellows
 - ☐ Independent Study/Research with faculty
 - ☐ Other _____
8. Have you had a computer science related internship while enrolled at Elon?
 - ☐ Yes
 - ☐ No
 - ☐ Planning to find an internship before graduation
9. What are your professional or academic goals after you graduate from Elon University?

If you feel comfortable doing so, please provide the following demographic information.

10. How do you identify? Check all that apply.

- ☐ African American/Black
- ☐ Asian
- ☐ Hispanic/Latino
- ☐ Native American/Alaska Native
- ☐ Pacific Islander or Native Hawaiian
- ☐ White/Caucasian
- ☐ Not Listed _____
- ☐ Prefer not to respond

11. How do you identify? Check all that apply.

- ☐ Female
- ☐ Male
- ☐ Transgender
- ☐ Non-Binary
- ☐ Not listed _____
- ☐ Prefer not to respond

12. Where do you live when not at Elon (geographic location)?

- ☐ Northeastern US
- ☐ Southern US
- ☐ Midwestern US
- ☐ Western US
- ☐ Outside the US
- ☐ Prefer not to respond

Attitude Towards Writing

Please indicate your preference for the following:

	A great deal	A lot	A moderate amount	A little	Not at all	N/A
13. How much do you enjoy writing for personal reasons?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. How much do you enjoy writing for your classes?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. If appropriate, how much do you enjoy writing in a professional setting (eg. internships and/or research)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

16. If you would like to add any additional comments regarding your answers above, please add them here.

17. What types of things do you write for personal reasons? Check all that apply.

- ☐ Email or Letters
- ☐ Creative Writing (poetry, fiction, etc.)
- ☐ Journal or Diary (paper or electronic)
- ☐ Reviews (e.g., Amazon, Yelp, book reviews, etc.)
- ☐ Social Media (Facebook, YouTube, Twitter, Instagram, etc.)
- ☐ Articles or Essays
- ☐ Web Writing (blogging, comments, etc.)
- ☐ Texting (SMS messages)
- ☐ Other _____
- ☐ N/A

18. Please indicate how you use writing to help you figure things out. Check all that apply.

- ☐ To understand a new topic or problem
- ☐ To reflect on experiences you've had
- ☐ To brainstorm a solution to a problem
- ☐ Other _____
- ☐ N/A

19. What do you enjoy about the writing you do?

Perceptions of the Importance of Professional Writing Skills

How strongly do you agree or disagree with the following statements:

	Strongly agree	Somewhat agree	Neither agree nor disagree	Somewhat disagree	Strongly disagree	N/A
20. Good writing skills are important in the computer science profession.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. It is important for computer scientists to be able to communicate about their work for a technical audience in their field.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22. It is important for computer scientists to be able to communicate about their work for an audience without technical knowledge of their field (eg. lay audiences, non-CS experts and professionals).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

23. If you would like to add any additional comments regarding your answers above, please add them here.

24. What types of writing are important in the computer science profession? Check all that apply.

- ☐ Code documentation
- ☐ Blog posts
- ☐ Scholarly papers
- ☐ Proposals
- ☐ Client Correspondence
- ☐ Social Media
- ☐ Web Content
- ☐ Reports
- ☐ Memos
- ☐ Presentations
- ☐ Manuals or Instructions
- ☐ Advertising or Promotional Materials

- ☐ Essays or Articles
- ☐ Contracts, Agreements, or Legal Documents
- ☐ Project Management Documents (agenda, plans, etc.)
- ☐ Literature Reviews
- ☐ Emails
- ☐ Summaries or Abstracts
- ☐ Grants
- ☐ Lesson Plans or Teaching Materials
- ☐ Multimedia Writing (articles, videos, etc.)
- ☐ Other _____
- ☐ N/A

25. Taking into account everything you checked above, what kind of writing **do you think computer scientists spend the most time on?**

Perceptions of Technical Writing Skills

How strongly do you agree or disagree with the following statements:

	Strongly agree	Somewhat agree	Neither agree nor disagree	Somewhat disagree	Strongly disagree	N/A
26. I can write effectively about computer science for a technical audience in the field.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
27. I can write effectively about computer science for an audience without technical knowledge of the field (eg. lay audiences, non-CS experts and professionals).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
28. The writing I have done at Elon has prepared me for writing in the computer science profession.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

29. If you would like to add any additional comments regarding your answers above, please add them here.

In which ways have your experiences at Elon prepared you for writing in the CS profession? Please select all that apply.

	Coursework for Major(s)	General Studies/ General Education	College Fellows, Honors Fellows, Independent Study, Research with Faculty, etc.	Co-Curricular Writing (campus jobs, internships, student organizations, etc.)
30. Made me a critical thinker	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
31. Made me a strong researcher	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
32. Taught me how to craft an effective argument	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
33. Equipped me to write in new situations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
34. Helped me write clearly and precisely	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
35. Gave me practice with types of writing that I will use for my career/job	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
36. Taught me useful strategies for brainstorming	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
37. Provided me with useful strategies for revision	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
38. Positioned me to write as an informed citizen or to promote social good	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
39. Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

40. If you would like to add any additional comments regarding your answers above, please add them here.

41. If applicable, please provide examples of writing about computer science you have done while at Elon for a **technical audience** in the field.

42. If applicable, please provide examples of writing about computer science you have done while at Elon for an audience **without technical knowledge** of the field (eg. lay audiences, non-CS experts and professionals).

43. What have been the greatest challenges you have encountered when writing about technical subjects (in courses, research, internships, personally, etc.)?

- ☐ Adapting to my readers' expectations and needs
- ☐ Organizing my writing effectively
- ☐ Writing in a concise and direct manner
- ☐ Getting useful feedback on my writing from others
- ☐ Revising my writing
- ☐ Writing a type of document (like a memo or report) I had not practiced or encountered before
- ☐ Writing with technologies or software I'm not familiar with (such as web writing, blogging, etc.)
- ☐ Producing documents quickly
- ☐ Other _____

44. Has any **course or project at Elon contributed most to your development as a writer in computer science**? Please describe the experience and what you learned from it. It's okay if you don't remember the number of the class or name of the project; just describe what you do remember.

Interest in Developing CS Writing Skills

How strongly do you agree or disagree with the following statements:

	Strongly agree	Somewhat agree	Neither agree nor disagree	Somewhat disagree	Strongly disagree	N/A
45. I am interested in improving my writing skills for a technical audience in the field of computer science.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
46. I am interested in improving my writing skills for an audience without technical knowledge of the field of computer science (eg. lay audiences, non-CS experts and professionals).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
47. The writing I have done at Elon has prepared me for writing in the computer science profession.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

48. If you would like to add any additional comments regarding your answers above, please add them here.

49. What types of writing in computer science are you most interested in developing?

Additional Questions

50. Do you have any additional thoughts about writing in the computer science discipline in general?

51. Do you have any additional thoughts about how the CS curriculum at Elon could better prepare you for professional and technical writing?

52. Do you have any specific writing interests, either in general, or in CS?

53. Do you have any concerns or other feedback about this research?

Approximately 13 minutes to complete survey using calculation here:

<http://question-science.blogspot.com/2012/07/how-to-calculate-length-of-survey.html>

Removed from Fall 2022 Survey

Students Conducting Research

How strongly do you agree or disagree with the following statement:

Elon prepared me for my research-related writing.

- ☐ Strongly agree
- ☐ Somewhat agree
- ☐ Neither agree nor disagree
- ☐ Somewhat disagree
- ☐ Strongly disagree
- ☐ N/A

My research experience has helped me improve my writing in computer science.

- ☐ Strongly agree
- ☐ Somewhat agree
- ☐ Neither agree nor disagree
- ☐ Somewhat disagree
- ☐ Strongly disagree
- ☐ N/A

Please briefly describe your research experience. Who is your research mentor? What type of research have you done so far? What types of writing have you done in your research? Did anyone give you feedback on your writing? Is there anything else you would like to share about your research experience?

Students with Internships

How strongly do you agree or disagree with the following statement:

Elon prepared me for the work-related writing I did during my internship.

- ☐ Strongly agree
- ☐ Somewhat agree
- ☐ Neither agree nor disagree
- ☐ Somewhat disagree
- ☐ Strongly disagree

☐ N/A

My internship experience has helped me improve my writing in computer science.

- ☐ Strongly agree
- ☐ Somewhat agree
- ☐ Neither agree nor disagree
- ☐ Somewhat disagree
- ☐ Strongly disagree
- ☐ N/A

Please briefly describe your internship experience. Where did you work? What type of work did you do? What types of writing did you do? Did anyone give you feedback on your writing? Is there anything else you would like to share about your internship?
