Senior Research (CSC-450) Survey

* Indicates required question

Senior Research (CSC-450) Consent Form
ECSU Computer-Science Student Opinions on Artificial Intelligence in Employment

17 November 2023

You are being invited to participate in a research study about artificial intelligence in employment. This research project is being conducted by Frederick Bacamante of Eastern Connecticut State University. The objective of this research project is to gather student opinions about the impact artificial intelligence has towards employment, particularly in the computer-science field.

There are no known risks if you decide to participate in this research study, nor are there any costs for participating in the study. The information you provide will help me understand how students believe the evolving technology will affect careers, old and new. The information collected may not benefit you directly, but what I learn from this study should provide general benefits to individuals who are aspiring to start a career in the field.

This survey is anonymous. If you choose to participate, do not write your name on the questionnaire. No one will be able to identify you, nor will anyone be able to determine which company you work for. No one will know whether you participated in this study. Nothing you say on the questionnaire will in any way influence your present or future employment with your company.

Your participation in this study is voluntary. If you choose to participate, please select "Yes, I consent" in the section below. Selecting "Yes, I consent" will act as your consent since the survey is done anonymously.

If you have any questions or concerns about completing the questionnaire or about being in this study, you may contact me at bacamantefr@my.easternct.edu.

This study is being conducted as part of my Senior Research Course, and is approved by Dr. Dancik. As the study will be limited to this class project, it was not reviewed by Eastern Connecticut State University's Institutional Review Board. However, I have completed the Collaborative Institutional Training Initiative (CITI) Program course for Social & Behavior Research. If you have any concerns about your rights in this study, please contact Dr. Dancik at (860) 465-4587 or email dancikg@easternct.edu.

1.   *

Mark only one oval.

⬭ Yes, I consent

⬭ No, I do not consent

Demographic

2.   What year are you in? *

Mark only one oval.

⬭ Freshman

⬭ Sophomore

⬭ Junior

⬭ Senior

⬭ Master/PhD

3.   Have you used AI-based tools before? *

Mark only one oval.

⬭ Yes

⬭ No

4.　If yes, please select the AI-based tools you have used before

Check all that apply.

☐ ChatGPT

☐ Google Bard

☐ Microsoft Bing AI

☐ Grammarly

☐ DALL-E 1/2

☐ Beautiful.ai

☐ Lumen5

☐ Adobe Firefly

☐ Replika

☐ Speechify

☐ Other: _____

Student Viewpoint

5.　What computer-science fields do you think AI will have the strongest effect on　　*
(positive or negative)?

Check all that apply.

☐ Data Science

☐ Cybersecurity

☐ Web Development

☐ Software Development

☐ Software Engineering

☐ Network Engineering

☐ Database management

☐ Artificial Intelligence/Machine Learning

☐ Game Development

☐ Mobile App Development

☐ Cloud Computing

☐ Embedded Systems

☐ Quantum Computing

☐ Robotics

6. What has been your primary source of exposure to AI? *

    Check all that apply.

    ☐ Media

    ☐ Online Forums

    ☐ Peer-reviewed articles/journals

    ☐ Formal lectures/conferences

    ☐ Personal projects

    ☐ Books

    ☐ Family/Friends

    ☐ Other: _____

7. I keep up with the latest information about AI *

    Mark only one oval.

	1	2	3	4	5	
Stro	○	○	○	○	○	Strongly Agree

8. I understand AI concepts like deep learning, CNN, ROC AUC, etc. *

    Mark only one oval.

	1	2	3	4	5	
Stro	○	○	○	○	○	Strongly Agree

9.   AI is beneficial to careers related to computer science *

Mark only one oval.

	1	2	3	4	5	
Stro	◯	◯	◯	◯	◯	Strongly Agree

10.   Please explain why you agree or disagree with the statement above

_____

Untitled Section

11.   AI makes task completion easier *

Mark only one oval.

	1	2	3	4	5	
Stro	◯	◯	◯	◯	◯	Strongly Agree

12.   New technology that uses AI is easy to learn *

Mark only one oval.

	1	2	3	4	5	
Stro	◯	◯	◯	◯	◯	Strongly Agree

13. AI-based tools are helpful for studying and learning new materials *

Mark only one oval.

	1	2	3	4	5	
Stro	◯	◯	◯	◯	◯	Strongly Agree

14. AI is damaging to careers related to computer science *

Mark only one oval.

	1	2	3	4	5	
Stro	◯	◯	◯	◯	◯	Strongly Agree

15. Please explain why you agree or disagree with the statement above

_____

Untitled Section

16. Content generated by AI is reliable the majority of the time *

Mark only one oval.

	1	2	3	4	5	
Stro	◯	◯	◯	◯	◯	Strongly Agree

17.   AI will increase skill expectations during employment *

Mark only one oval.

	1	2	3	4	5	
Stro	○	○	○	○	○	Strongly Agree

18.   AI provides more advantages than disadvantages in computer-science jobs *

Mark only one oval.

	1	2	3	4	5	
Stro	○	○	○	○	○	Strongly Agree

19.   Please explain why you agree or disagree with the statement above

_____

20.   What do you feel is the most beneficial use of AI to careers in computer-science?

_____
_____
_____
_____
_____

21.   What do you believe is the biggest concern regarding AI in computer-science careers?

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_____

Open Section

22.   Do you have any additional comments or opinions on the topic that you feel are relevant, but is not completely captured in the survey?

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