

CSC 126 A05: Why Teamwork??

Enter your name:

Rules and procedures:

- Assignments such as this one are **to be done individually**, although you may always discuss the work with the professor, the TAs, and even your classmates as long as you ultimately do it yourself. See the syllabus for information about academic dishonesty.
 - Any copies of your work or allowing anyone else to copy your work is academic dishonesty and will be treated as such.
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Objectives

- Reflect on robotic behaviors
- Reflect on team programming

Although this assignment must be completed individually, you may consult with one another.

Be sure to answer each question fully in complete sentences.

1. Read the next installments in the *Case of the Killer Robot*: [Developers of "Killer Robot" Worked Under Enormous Stress | Online Ethics](#) and ["Killer Robot" Programmer Was Prima Donna. Co-Workers Claim | Online Ethics](#). Briefly summarize what happened to advance the plot in these installments.

2. Read "For Writing Software, a Buddy System": [For Writing Software, a Buddy System - The New York Times](#). Both *The Case of the Killer Robot* and the article "For Writing Software, a Buddy System" discuss the importance of teamwork in the domain of software development. Compare and contrast the reasons for teamwork given in these two readings.

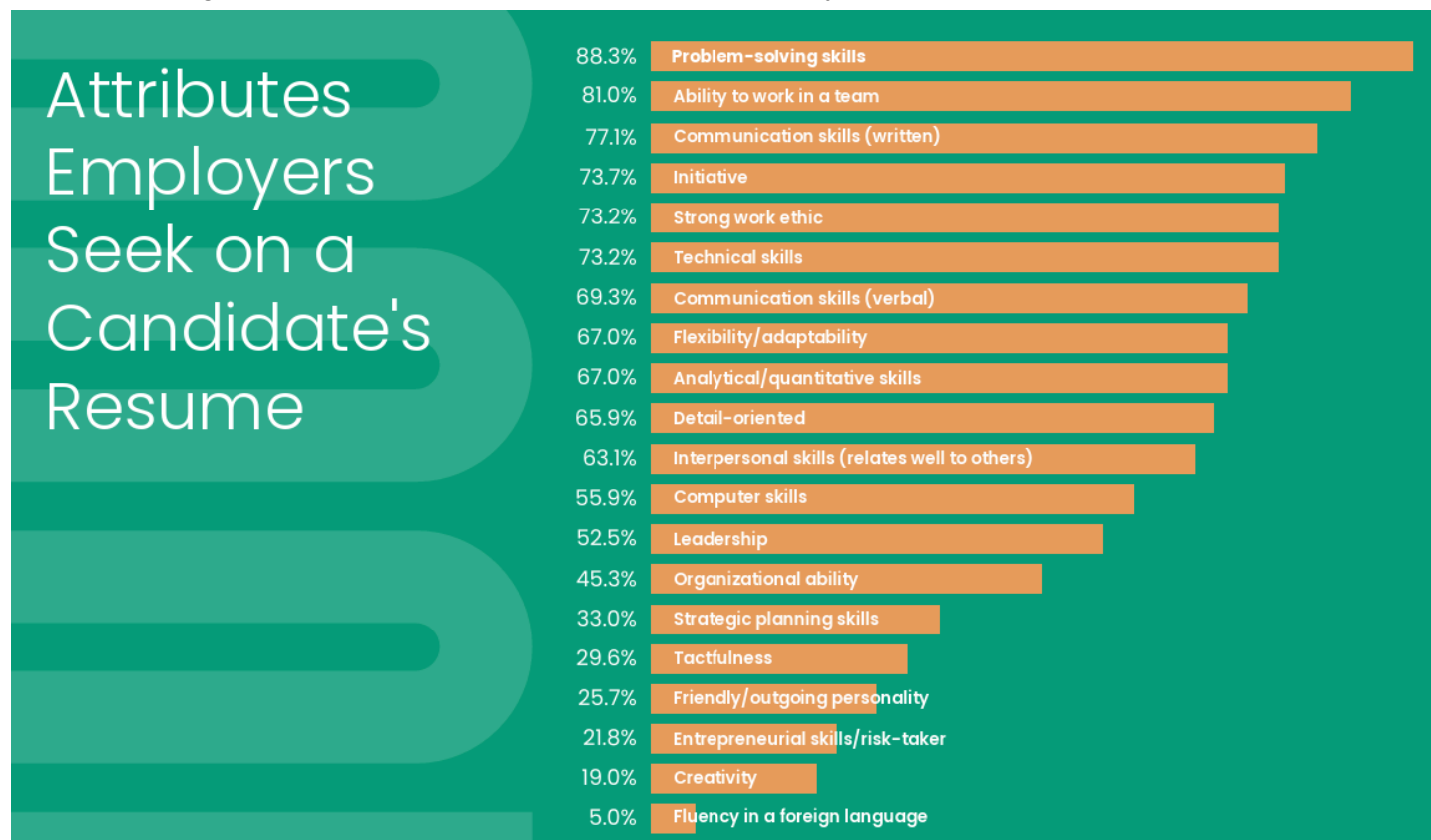
3. Each year an organization known as the National Association of Colleges and Employers conducts a national survey of employers to determine what qualities employers value in a prospective employee. In 2024, the results are that "Survey participants rated:

- 'problem-solving skills,'
- 'ability to work in a team structure,'
- 'communication skills (written),' and
- 'initiative' as the four most important candidate skills/qualities.

See more at:

https://www.nacweb.org/docs/default-source/default-document-library/2025/publication/research-report/2025-nace-job-outlook-jan-2025.pdf?Status=Master&sfvrsn=57d47fb0_3. The

following is a table of results from the most recent survey:



4.

In 2-3 paragraphs, react to these survey results by imagining that you are coaching a friend who has taken this class who is has a job interview scheduled. How would you help your friend to craft a good answer to the question, "discuss your skill and experience with working in a team structure?"

5. *The Case of the Killer Robot* discusses the impacts of stress and how it degraded effective teamwork. Discuss your experience in handling stress in the past. Are there things you have done well? How about things you have done poorly and might consider trying to change? Explain.

6. *The Case of the Killer Robot* discusses several personality types. Briefly describe each type. Then in one-two paragraphs, discuss which of the described personality types you believe is closest to the way you have interacted thus far during the team and pair programming labs in our class.

7. Discuss your reaction to the ethic behind *egoless programming* which is the concept that a software product belongs to the team and not to the individual programmers. Do you think this is an important ethic for commercial products? Why or why not? Explain in one-two paragraphs.

8. According to educational research, egoless programming is important for the deepest learning to occur during the learning of programming. In a paragraph, discuss what aspects of egoless programming you believe you are doing well. Remembering that we are all learning together, in another paragraph, discuss what aspects of egoless programming you believe you can improve on.

Integrity Statement

Please briefly describe all the help you gave to others in completing this assignment and all the help you received, including any help from AI.

To Submit

- When you are done, under file, download this file as a pdf and then submit it into Moodle.