**Level 1 Eliza**

1. Research the “ELIZA Computer Therapist Program”. Summarize your answers to the following:
   1. What does the program do?

It ask question so you answer your own question and think the robot is a smart human being

* 1. When and why was the program created?

In 1960 to test if robots can trick humans into thinking its human

* 1. How does the program work?

It ask question so you answer your own question and think the robot is a smart human being

1. Use an on-line version of the ELIZA program to see what it is like.
   1. Open the URL : <http://psych.fullerton.edu/mbirnbaum/psych101/Eliza.htm>

Done

* 1. Begin by talking about your feelings (just like if you were talking to a guidance councillor).

Done

* 1. After a while, try to trick the program.

Done

1. In what ways did the program seem like you were talking to a real person? What was a strategy used by the program to keep the discussion going?

It got mad and responded in the way I did

1. In what ways could you tell that it was not a real person? What were some of the weaknesses of the program?

It doesn’t say much it just asks questions

1. If you had your friend talk to ELIZA but did not tell them it was a program, how long do you think it would take for them to figure it out? Explain your answer.

Two minutes because in two minute it would of said Tell me more at least 20 times and normal people don’t say tell me more like that because its creepy and normal people don’t repeat that much

**Level 2 Turing Test**

1. Research the “Turing Test”. Summarize your answers to the following:
   1. What is the Turing Test?
   2. Who was Alan Turing?
   3. How does the Turning Test work?
   4. How is the Turing Test different from other Artificial Intelligence tests?
2. Visit the Ted Ed website to learn more about the Turing Test.
   1. Watch the video at: <https://ed.ted.com/lessons/the-turing-test-can-a-computer-pass-for-a-human-alex-gendler>
   2. Complete the on-line test at: <https://ed.ted.com/lessons/the-turing-test-can-a-computer-pass-for-a-human-alex-gendler#review>

**a**How well a computer program can imitate human conversation

**Eliza**

A human judge

Turing preducited that computers with 100 mega bits by 2000s

1. Do you think that you have ever been fooled by an on-line computer AI program? Explain your answer.

Yes because companies have AI Software in many of there application for example recommenders, click beta AIs, many fake account on social media some made by companies.

**Level 3 Article reviews**

Pick any one out of the following two (2) “Social Media Bot” articles to read and review. Answer the questions that are specific to each article.

Article 1: Social Media Bots

Read the following article:

<https://www.questia.com/magazine/1G1-530914703/social-media-bots-how-they-spread-misinformation>

1. How much internet traffic is estimated to be produced by AI bots?

30%

1. What are some strategies used by bots to appear more human?

bots collect information by crawling the internet for specific keywords and hashtags and sharing them on sites like Facebook and Twitter. Some social bots were developed to behave like a human--using emojis in their posts, only posting at reasonable hours of the day, or limiting the amount of information they share.

1. How many social media accounts are estimated to be AI bots?

Twitter revealed in a Securities and Exchange Commission filing that approximately 8.5% of all its users were bots, and that number may have increased to as much as 15% in 2017.

1. How easy is it for a user to detect that they have been “friended” buy a social media AI bot?

According to research published in the Communications of the Association for Computing Machinery in 2016, more than 20% of authentic Facebook users accept friend requests indiscriminately. meaning that it pretty hard to detect the difference between humans and AI software

Article 2: Social Media Bots

Read the following article:

<https://www.usnews.com/news/healthiest-communities/articles/2018-07-24/how-social-media-bots-could-compromise-public-health>

1. How many social media accounts are estimated to be AI bots?

tens of millions

1. What is the purpose / objective of these AI bots?

to spread misleading or blatantly false information with the intent of influencing how people think or act

1. How could a bot be used to increase the number of people vaping or smoking?

the sheer volume of bot-generated posts could make it seem like those behaviors or products are more popular than they are. That, in turn, could normalize poor or misinformed health decisions.

1. How could a bot be used to increase the public concern about getting vaccinated?

a meme about flu shots that was inundated with anti-vaccination comments. Megan Lowry, a communications specialist at the organization, suspects the comments were posted by bots because of how quickly the meme was "plagued" with "anti-vaccination misinformation."

1. What is a “sockpuppet”?

sock puppet, in the context of online communications, is a fake identity created to promote someone or something through blogs, wikis, forums or social networking sites such as Facebook or Twitter.

Pick any one out of the following two (2) “Automated Journalism” articles to read and review. Answer the questions that are specific to each article.

Article 3: Automated Journalism

Read the following article:

<https://www.bbc.com/news/business-42858174>

1. What are some of the topics of the articles produced by the robo-journalists owned by the Press Association (PA)? How long and how detailed are these articles?

no more than several paragraphs or so in length

1. “At this stage” what are the limitations of robo-journalists? What jobs do human journalists do that cannot yet be done by robo-journalists?

-The risk of fake news proliferation

-Writing dehumanization

-Loss of editorial identity

-Lack of news tools acceptability

1. What happened when the LA Times used a robo-journalist to report on an earthquake?

the newspaper published a report about a 6.8 magnitude quake off the coast of California - it was actually a record of a 1925 earthquake that had been published by the USGS in error.

1. What are some of the “easier” tasks that robo-journalists are used to produce articles for?

Sports matches

USGS records

1. Do you think this article was written by a robo-journalist? Explain your answer by giving examples of both why and why not.

Article 4: Automated Journalism

Read the following article:

<https://digiday.com/media/washington-posts-robot-reporter-published-500-articles-last-year/>

1. What is the name of the Washington Post’s robo-journalist and what was its first assignment?
2. How can robo-reporting expand the audience for newspapers?
3. How can robo-reporting help human journalists?
4. Are smaller news organizations using robo-reporting? What are the benefits to smaller organizations?
5. Do you think this article was written by a robo-reporter? Explain your answer by giving examples of both why and why not.

**Level 4 Will Artificial Intelligence Take My Job (SOP)**

To prepare for the final summative you should reflect on how artificial intelligence may impact the future job market. (i.e. The jobs and careers that will be available when you graduate.)

Write ***two*** Supported Opinion Paragraphs for ***two*** job topics as follows:

1. Select two topics from the list of jobs below. If you have an idea for another job please clear it with Mr. Nestor before your proceed.
2. Write a Supported Opinion Paragraph for each job topic
   1. The question to be answered is “Will Artificial Intelligence Take My Job”
   2. Some themes to consider are:
      1. Describe your job as it currently exists (or as it is traditionally). Focus on details that could be automated.

Deliver goods while operating a tractor-trailer **truck.** Record amount and type of cargo being delivered. Fill up on fuel, clean **truck**

* + 1. Provide some examples of how your job can be (or has been) changed by computer technology in general.

self-driving tractor trailers\fully driverless truck will be a new thing in the future putting out of business

* + 1. Provide some examples of how your job can be (or has been) changed by artificial intelligence specifically.

There are currently 62 companies permitted and 678 autonomous vehicles that are licensed with the DMV meaning some companies have already fired truck drivers and replaced them with self-driving tractor trailers

* + 1. Describe your job as it will exist in the future as it changes due to computer technology.

All companies will fire truck driver and replace them with self-driving tractor trailers because it’s Cheaper, more productive, and more efficient do to it not sleep, breaks, take sick day or take vacations, and it is less likely to get in accidents

* + 1. What education will be required to do this job more effectively

1. Read the following articles to get some ideas about what you should include in your SOP.

<https://www.forbes.com/sites/forbestechcouncil/2018/02/26/artificial-intelligence-will-take-your-job-what-you-can-do-today-to-protect-it-tomorrow/#430f57bf4f27>

<https://www.forbes.com/sites/theyec/2018/07/06/do-you-fear-artificial-intelligence-will-take-your-job/#7fb127a611aa>

1. Guidelines for writing a supported opinion paragraph (SOP)

* <http://schools.peelschools.org/sec/fletchersmeadow/studentlife/OSSLTprep/Documents/Sample_%20Writing%20a%20Supported%20opinion%20paragraph.pdf>

**Job Topic Suggestions:**

|  |  |  |
| --- | --- | --- |
| Truck Driver | Taxi Driver | Delivery Person |
| Store Checkout Clerk | Restaurant Cook / Waiter | Retail Sales Person |
| Real Estate Agent | Financial Advisor | Bank Teller |
| Family Doctor | Medical Specialist / Surgeon | Fitness Instructor |
| Artist | TV / Radio Personality | Actor |
|  |  |  |

Deliver goods while operating a tractor-trailer **truck.** Record amount and type of cargo being delivered. Fill up on fuel, clean **truck but in the near future** self-driving tractor trailers\fully driverless truck will be a the new thing putting truck drivers out of business.

There already 62 companies permitted and 678 autonomous vehicles that are licensed with the DMV meaning some companies have already fired truck drivers and replaced them with self-driving tractor trailers finally all companies will fire truck driver and replace them with self-driving tractor trailers because it’s Cheaper, more productive, and more efficient do to it not sleep, breaks, take sick day or take vacations, and it is less likely to get in accidents.

<https://www.bbc.com/news/technology-34066941>