Samrat Sahoo

Mr. Speice

Independent Study Mentorship 2A

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An Overview of Artificial Intelligence

Assessment 2 - Research Assessment

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Subject: Artificial Intelligence Overview

Works Cited:

Byrum, Joseph. "Taking Advantage of the AI Revolution: An Overview of What Artificial

Intelligence Can Bring to Society and Businesses." ISE: Industrial & Systems

Engineering at Work, vol. 50, no. 6, June 2018, p. 28. EBSCOhost,

search.ebscohost.com/login.aspx?direct=true&db=f5h&AN=129633580.

Assessment:

In the world today, humans have gone through several revolutions. It all started with the

mechanization revolution and over time has transformed into the smart technology revolution, a

revolution that incorporates artificial intelligence into everyday technology to solve problems.

Although there are rapid advances in these fields, artificial intelligence exhibits major problems

including adapting to increasingly complex life as illustrated by the biological limitations of the

technology. Additionally, ethical concerns arise regarding a harmonious future between humans

and artificial intelligence. Despite these concerns and limitations, artificial intelligence will

likely play a bright role in the future of businesses and society.

As aforementioned, artificial intelligence is used to solve everyday problems. While this statement in context may seem trivial, it signifies that when deciding on an original work, one must consider the problems he encounters in everyday life. This is because, very simply, making artificial intelligence that does not solve a problem can lead to ethical dilemmas on whether or not developers should be creating these artificial minds without any reason to do so. Therefore by incorporating artificial intelligence in a way to solve humanity's problems, one can ensure that artificial intelligence is more human-centric allowing developers to avoid ethical problems.

A more significant problem to consider when working on the original work is the biological limitations currently in place. When deciding on an original work, one should limit the number of biological factors present because of the limits of current artificial intelligence technology. Additionally, when creating artificial intelligence, software developers plan for failures because of the "randomized" environment. As one creates his original work, he should be prepared to anticipate failures and plan to find ways to overcome these failures. However, these failures may happen less often than in the industry because of the specificity of the environment the project works within and so they should be less significant than the biological factors. To expand on the biological factors of artificial intelligence, using a rule-based foundation rather than and adaptation based foundation for creating a project would be more ideal, especially for smaller-scale projects such as the original work. In doing so, project development will ease and the success rate of the project will likely increase significantly.

Reflecting for the future, the future of artificial intelligence seems to shine brightly. This is extremely beneficial for pursuing artificial intelligence because it allows for passionate minds

in computer science to easily find mentorships and get help for the original work and final

product. Additionally, since this is a growing field, research is constantly being released on the

newest innovations and discoveries over artificial intelligence. This is especially beneficial when

seeking informational interviews and finding articles on databases because professionals and

academic journals will be equipped with the newest pieces of knowledge. By gaining this new

information from professionals and databases, developers will be able to create more efficient

and overall better projects with exponentially easier circumstances. Knowing ethical concerns,

biological limitations, and the growth of artificial intelligence allows one to be equipped with the

proper knowledge to initiate a successful project in this field.

Annotations:

https://s.scrible.com/s/kyX04