

2022 Autumn Admissions for Eikei University of Hiroshima
(Selection for International Students/
Integrated Selection of Japanese Students in English)
- Third Window -
Short Essay Question

Question

Read the sentences below regarding artificial intelligence (AI) and the future of work, and then write a short essay following the instructions.

AI has now been developed and used in various fields. For instance, AI has beaten top-level professionals in games such as chess and go. AlphaGo, developed by Google, is a prominent example of such AI. AI has also been introduced in internet search engines, voice-response applications, robot vacuum cleaners, and self-driving cars. In fact, many people use AI in daily life without realizing it, and this use is likely to become more widespread as AI is further developed. With the enhancement of AI potential, many current jobs are projected to be transformed by AI.

With this context in mind, write a short essay (800-1,200 words) regarding the future of AI and human work in a field related to your own career interests. Extrapolate from the past and current status of the occupational field of your choice to make a reasonable projection for work ten years in the future. Links are provided for suggested initial references, but reading and citing any of the suggested readings is not compulsory. On the final page, please list all your references, such as books, articles, reports, and websites (the References list will not be included in the essay word count).

Suggested readings

- Brown, S. (2022, January 31). *Why 'the future of AI is the future of work.'* MIT Sloan School of Management. <https://mitsloan.mit.edu/ideas-made-to-matter/why-future-ai-future-work> (Excerpt from Autor, D. Mentor, D. A., & Reynolds, E. B. (2022). *The work of the future: Building better jobs in an age of intelligent machines*. MIT Press.)
- Kowalkiewicz, M., & Dootson, P. (2019). Human after all: The evolution of work in the digital age. In W. Bauer, O. Riedel, W. Ganz, & K. Hamann (Eds.), *International perspectives and research on the "future of work"* (pp. 34-41). Fraunhofer Institute for Industrial Engineering IAO. <https://www.smart-ai-work.de/wp-content/uploads/2020/01/future-of-work.pdf>
- Lalive, R., & Oesch, D. (2019). What technological change means for the future of work. In *AI & The Future of Work* (pp. 5-9). Credit Suisse Group AG Research Institute. <https://www.credit-suisse.com/media/assets/corporate/docs/about-us/research/publications/ai-the-future-of-work.pdf>

Morgan, J. (2019). Will we work in twenty-first century capitalism? A critique of the fourth industrial revolution literature. *Economy and Society*, 48(3), 371-398. https://www.researchgate.net/profile/Jamie-Morgan-4/publication/335949550_Will_we_work_in_twenty-first_century_capitalism_A_critique_of_the_fourth_industrial_revolution_literature/links/5e46e66592851c7f7f3ab575/Will-we-work-in-twenty-first-century-capitalism-A-critique-of-the-fourth-industrial-revolution-literature.pdf

※ Last access to all the sources listed above on March 14, 2022

Notes

1. Please use the designated form of Eikei University of Hiroshima to type your essay.
2. Eikei University of Hiroshima does not discriminate based on your opinions.

Your essay will be evaluated based on:

- Broad perspectives: Whether the essay was written with the use of appropriate, relevant, and compelling content to develop ideas.
- Skills of logical thinking: Applicant's ability to write their opinion logically and concisely. Use of creative expressions to convey core messages effectively.
- Intellectual capacity: Demonstration of foresight, with ability to think logically and to envision the future based on currently available evidence.