Name: Juan Sebastian Nova Riaño

**Article title:** Can a robot pass a university exam?

**Author:** Noriko Arai

URL: https://www.ted.com/talks/noriko arai can a robot pass a university entrance exam

## **Summary**

The main purpose of the article is to show the power of the artificial intelligence (AI) to make some of the most complicated human task, not only the menial jobs. Noriko Arai and her research group started Tadai Robot project, making an AI with the purpose of pass the entrance examination of the University of Tokyo, the top university in Japan. Mrs. Arai focused on the fact that AI can't read or understand things in the same way human does. In fact, the AI gives an appearance to do it, but is using only statistical methods to give answers. The method of the AI to answer the questions of the exam is transform them in "factoid questions" (yes/no questions or single-word answer questions), and search strong relationships in the keywords that composes the question in different web databases (like Wikipedia), giving a good chance to achieve the correct answer. In the case of an essay, the AI search documents related with the keywords, and later it copies and paste quotations in order to give some kind of coherence to the final text. The worry of Mrs. Arai is that AI can win in a process over the 80% of Japanese students, even without the ability to understand and even to read properly a text.

In my opinion, the main problem with the AI technology is not related directly with it, but with us. Why? Because we are getting more and more lazy, we are not reading enough, we are not thinking enough about the thing we read and we see in the world, and that's the reason why the illusion of intelligence of the AI looks so real and powerful.