

Mind vs Machine

In the article "Mind vs Machine", it illustrates the development of using computers: from doing the basic tasks to now, it can imitate human's language to have a conversation with a human. Through the development of artificial intelligence, it shows the importance of being ourselves and how impressive and unique human are.

The Turing Test is to determine the one you are talking to is whether an AI or a human. The machine can answer the question and make the response to it but most of the conversation is similar and it quite to predict it by the programmer. The most important way to determine it is that AI does not have feelings and emotions, the job they are doing is to follow the script.

In Brian's essay, he mentions that " As computers have mastered rarefied domains once thought to be uniquely human, they simultaneously have failed to master the ground-floor basics of the human experience—spatial orientation, object recognition, natural language, adaptive goal-setting—and in so doing, have shown us how impressive, computationally and otherwise, such minute-to-minute fundamentals truly are." He keeps reminding us that although the development of artificial intelligence can already copy some of the basic lifestyles, we still have many unique attributes which the AI cannot be programmed to reproduce yet. He states many examples in his essay to show that the artificial cannot completely copy the qualities that human has. One of the significant examples is the conversation between the judge and "Catherine". The conversation goes well that makes the judge believes he is talking to a human, till the end, "Catherine" could not fluently respond a small question. The small question about taking a rest and drinking water leads "Catherine" started to speaking sentence that does not make sense and can not to keep the conversation.

The more communication between human and AI, the more it can distinguish the differences between each other. Human uses rhetoric in the natural language, using abbreviation and slang.

If one day the programmer indeed can make the AI copy those attributes, we can still see the differences because the human has a mind. The mind is a part of intelligence that only human has. The whole essay is to remind us how impressive we are, and artificial intelligence is just a creature made by the human. We cannot replace by the artificial intelligence.