Essay on the risks of AI and its role in society

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Since 1950, Artificial Intelligence revolutions our world. Today, everybody is agreed to say that AI plays an important role in the society, and this role will be bigger tomorrow. It is very important to study the impact of AI, the good and the bad parts, on the world.
In this essay, I decided to study 3 subjects where AI could play a major role in the future of the society, the research, the employment and the war.

The research

The research is very important for our community. It allows us to understand the world in which we live. But sometimes, researchers are blocked because it is complicated and hard to analyze our world. That's why AI can play a major role in research. With some complexes methods, researchers can use AI in their experiences. For example, we use ML and AI in medicine to help researchers to detect patterns in diseases. We can also imagine that in the future, AI will be enough smart to do research by himself. In others word, AI will be able to do experimentations and to draw conclusions by himself.

The employment

The world has already lived several industrial revolutions, and the use of Artificial Intelligence will be a new one. In fact, AI begins to be democratized in the industry with the use of robotics on production lines. In a few years, AI will be used to help some people in their work. But one day, AI will be so smart and could replace a lot of people like lawyers, medicines or engineers.
I think the principal risk of this future industrial revolution will be the employment because many jobs will be replaced by robots or AI and many people will be unemployed. To avoid this situation, politicians have to think about the society of tomorrow to resolve the problem of massive unemployment.

The war

The war is a difficult subject. To study the impact of Artificial Intelligence on army and war we have to be neutral. In other words, we have to think that war is neither good or bad. I think AI will play a major role in this field. The different armies along the world will use AI to develop new technologies to help them. For examples, we can imagine drones which could search for weapons and munitions on war field (we could use it to search for anti-personnel mines after the war too). AI can improved weapons, like add an assisted target to snipers to help shooters. AI can help armies to choose the best strategy to attack enemies. With these examples, AI can have a really good role in the war of tomorrow. But we have to put limits on the use of AI in this particular field. In fact, we can think that with improvements in AI and robotics, one day we will see a new kind of weapons like robot killer. If these robots are really smart and can think by themselves, the worst scenario could be that robots revolt against humanity. In this subject too, I think politicians have to think about potentials dangers.

In conclusion, I think AI will change our world, but we have to be very careful about how. We have to take engagement to put limits on the use of AI. I think the idea of writing an open letter about the risk of AI is a good beginning and we should continue with this kind of engagements.

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