工程应用英语4班 第8小组

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我们组准备进行辩论比赛，命题是“人工智能会不会导致人类失业”，组内四个成员，正方反方各两人。

Will artificial intelligence make human unemployed?

**Argument:**

**Chen Cui:**

Artificial intelligence has been developed for 60 years, and in recent years the emergence of deep learning technology had led to significant advances. For example, image recognition in the face recognition technology, the past 50 years only 4 times the upgrade, but in recent years has made 20 times the upgrade. There will be more new technology in this area.

Because the efficiency of artificial intelligence is higher than the human, so the human will be eliminated. Artificial intelligence makes them unemployed. From the backward industry to the advanced industry, artificial intelligence gradually eliminated all.

In recent years, the practical application of artificial intelligence had made many progress, such as Kiva intelligent storage system to achieve the automation of storage applications, Watson supercomputer won the human in the intellectual competition, Apple launched Siri voice assistant, and Google launched unmanned vehicles and so on.

Natural speech recognition and processing, game systems, matching recommendations, expert systems, which are currently involved in the field of artificial intelligence. Have to admit that some applications of intelligent no longer need human to do. This means that humans will be replaced, we will lose our job.

**Dongxu Miao：**

Every technological revolution or industrial revolution will take over some works done by human previously.

Stream engine(蒸汽机) and latter internal combustion engine(内燃机) made rickshaw(人力车) and even animal-drawn vehicles less usable. The appearance of electric power light our world up and machines powered by electric take place many labor intensive work like factory robots and many repeat works like telephone operators. For an example we all know (possibly), robots make noodles(机器人刀削面).

However, each technological revolution will also create many new jobs. We lost human-drawn vehicles, but there are more drivers shown up. The electrical machines make up the world we now live in great extent, and jobs provide by it are countless, from workers in power station to electric machines makers, form TV to internet.

Though AI is not so alike the previous revolution, since it’s intend is to provide something can represent or take place human being. I do think with the power provided something we have never thought of. For example, we will make more product with lower price easier, and most of us can choose to work or not since there will be no need to work for living with the abundant products, and that’s a way to communism to some extent. And since our plant will not hold much more people with the great help of AI we may make a great process in space exploiting and more new jobs will appear.

To conclude, AI will take over some jobs, but will provide more chances in great chance.

**Ruize Han:**

Today we will talk about if the artificial intelligence will make human lost their job. When speaking about AI, I think everyone is not strange about it. Because AI is entering into our daily life, and changing our life in many ways.

In the past, we rely mainly on manufacturing, for many commodities all over the world, we can see “made in China” on them. But today, auto production line composed of hundreds of robot, every minute can produce a qualified car.

In the past, when we have a trip to somewhere, we have to buy a local map or asked the local people for directions. But today, we just need a mobile phone, we can download many applications on it, then we can get the path to where we want.

In the past, when we search some information, we have to read many books in the library, which need a lot of time. But today, we can search almost everything on the Internet by google、baidu and many other search engine.

In addition, there are more applications of AI in our life, so we can find that many traditional work are or will be replaced by AI.

Today, a car needs a human to drive, we can see that there are many accidents caused by drunk driving or fatigue driving every day; in the future, automatic drive by AI will replace human driver, which will be more secure.

Today, we all know that medical problem is a serious problem, and medical negligence always appears, but now AI begins to enter into medical area, so I believe that in the future AI will replace lots of work and do better in medical area.

Today, much physical labor such as cleaning work, service work still need human to do, as the development of intelligent home, these work can all replaced by robot in the future.

**Chenman Song:**

As he said, Artificial intelligence may achieve a great breakthrough to a large extent, this may mean “artificial intelligence can be involved in human civilization, and begin to compete with human beings.”

Is it really? Artificial intelligence instead of the human scene, has been so close to us? If more and more people have been replaced by AI,the unemployment is unavoidable, such concerns will not become a reality?

Although the development of the current situation, artificial intelligence may lead to some people unemployed. People have a lot of feelings, but machine always have no feelings. For any work, the results will change with the emotional thinking of the people. Maybe sometimes machine can get more accurate results, But the single result is not always what we want. So machine cannot replace human in some work.

On the other hand, according to a long period of development, this situation will not become mainstream. Because everyone has the right to survive, when the majority of the population unemployed, this bad situation will only lead to dissatisfaction with the masses. On the other hand, if people do not have income, the operation of these machines will be hampered. So artificial intelligence will not make a lot of people unemployed, because there will be more new jobs need people to work.

In summary, machine cannot replace people actually. Artificial intelligence is a good chance for people’s development, but this is just a better tool for assisting humans.

**Free debate:**

**Chen Cui:**

The great interests towards AI mostly depends on the developments of ML and DL in recent years, especially the DL. Which get inspiration from the neural unit and network of human brain and got really impressive results in both research and industrial fields. And the development of AI will take over many jobs from human and thus make us unemployed.

**Dongxu Miao：**

In fact, by far we have not talk about will AI really become reality. Since you told something about the under mechanism of Deep Learning, I high doubt the pile up of these cubes can reach the level of human brain and such simplification must lack some crucial parts of human brain.

**RuiZe Han:**

Well, maybe AI cannot be a human being with full emotion by far, but with the huge improvements and great amounts of applications of AI in recent years, AI already have huge potential ability of replacing human beings in job markets.

**Chenman Song:**

Will AI always perform better than human? Won't AI make mistake?

**Ruize Han：**

Artificial intelligence is not a machine equipment controlled by human, at least in some areas will completely replace the people, such as automatic driving, I think one day in the future it will fully replace all the drivers, although it may also cause death, but the probability of the accident is far lower than the human.

And in medical field, we all have heard of the wrong diagnosis of pain by quacked, and even the most sophisticated doctors achieve probably 80% accuracy, but now artificial intelligence has reached 99% accuracy. Why do you want to let a less intelligent human but the machine to do the judgment?

**Dongxu Miao：**

Well, this is an interesting topic. Now let us imagine that when cars drove by human make an accident, we can measure the drivers’ accountability, but if car drove by AI make an accident, who are in responsibility? The owner of the car, the manufacturing company of cars or the drive AI program providers?

**Chenman Song：**

Just now, the other side has been stressed that artificial intelligence is going to replace the human finally, but I would like to ask a question, that is, even artificial intelligence is very powerful, the robots would need to find power supply wherever they go.

**Chen Cui:**

Well, these problems do exist by far, but with the development of legal system, infrastructure and new clean power, these can be solved gradually.

And deep learning technology had made great progress, but it doesn’t mean that it is stopped, it actually turned into a foundation. Nowadays, the progress of this technology has received a lot of attention, and also received lots of money and manpower supports. So, there is an infinite possibility of development.