

'More than human': The wonders of AI are on display in London

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"AI: more than human" is a new exhibition of artificial intelligence, taking place at the large Barbican London cultural center, bringing together more than 200 art and artistic works, as well as potential projects of artists, scientists and researchers from all over the world.



1. The difference between AI (Artificial Intelligence) and Cognitive Computing (Cognitive Computing)

Within the framework of the event, visitors will have the opportunity to participate in a journey that seems to appear only in dreams, fictional films about a perfect artificial life created from the project. The most advanced technology project today.

First, the most prominent is the sunken technology space from Japanese scientists with the project named teamLab. This can be considered as one of the most remarkable exhibition spaces at this year's event, with a unique combination of art and science, leaving visitors with unforgettable impressions about a project. The

project of a growing digital wall, as well as a silent message of human responsibility for our own living environment.



1. AI translation tool helps boost eBay sales by more than 10%

In addition, in the space of Japanese scientists, there is also the presence of robots of all shapes and sizes, from the small dog named Aibo of Sony (the first version was released from the year). 1999) has now been developed into an advanced AI model, up to a large mechanical arm that can serve people in various tasks such as mixing drinks, and is expected to be included. used at the Tokyo 2020 Olympic Games.



1. Japan's artificial intelligence has created ultra-realistic virtual fashion models

A number of other exhibition spaces bring more complex AI systems, involving macro issues such as connecting big cities and supporting the promotion of urgent solutions in the field. current health sector.

In addition, one of the AI ??development issues that will be discussed the most at this year's event is bias in AI models, especially for face recognition technology.

For now, let's take a look at the outstanding works as well as the main goals that scientists will convey to the community through this 'More than human' event.



1. How did AI affect daily life?

Although the idea of decoding the human brain and mimicking brain functions was born in the mid-1950s of the last century, AI technology only really exploded in 2010 thanks to the emergence of the first of the advanced processors, allows analysis of huge amounts of data.

Since then, the field of artificial intelligence has achieved important leaps.

IBM's Deep Blue learning model defeated Russian chess champion Garry Kasparov in 1997, while AlphaGo, the model developed by Google's DeepMind team in 2016, defeated Lee Sedol, the champion. gender in China's 3,000-year-old chess game called Go.

Both of these popular AI models will be featured in this year's exhibition, helping to outline how AI systems can be applied to help solve complex, larger problems. , such as climate change or cosmic conquest.

"With AI's help, the things we dream of can become reality. Imagine how great it would be if a machine could say:" Humans, this is a measure. smart helps change the way the economy is managed in a way that addresses climate change, environmentally friendly, "said the Swedish philosopher, senior researcher on the future of humanity, Mr. Anders Sandberg. , share.



1. Improve the effectiveness of assessing depression status by AI models

But to do that, according to Mr. Sandberg, we first need to find a way to bring human values ??of people into machines so that they do not inadvertently affect their own interests. us while operating. With an advanced technology like AI, its use is like a double-edged sword. If applied for good purposes, the benefits that AI brings are impossible to count. However, in the opposite case, the consequences it causes will be extremely scary.

In general, most of the exhibits at the annual event are geared towards showing people's attitudes towards artificial intelligence technology, as well as how we make use of them towards the common good. .

Check out some other remarkable AI application products brought to the event. Massachusetts Institute of Technology, USA brings to the event an integrated AI robot model called Personal Food Computer, designed to monitor plant growth, thereby helping to propose agri-development solutions. cleaner, more environmentally friendly. And Nasa is introducing a trained, machine-learning model that can automatically search, analyze, and explain scientific problems without the help of humans - one day. Nasa hopes that this model can give them a plan to exploit resources on other planets in the universe for human use.



1. MIT AI model can capture the relationship between objects with the minimum amount of training data

However, as mentioned, not all AI models are created for the sake of good. In More than human this year, there are a number of 'antagonistic' products that receive a lot of attention from professionals. Synthesising Obama, a Washington University project, uses artificial neural networks to reasonably simulate the model of speeches of the former US president, as well as the form of his oral cavity to create made a fabricated speech like the real thing. If such products are developed and applied massively, the war in the current fake news era will become even more difficult.

More frightening is the fact that modern weapons are being used by AI, making them even more dangerous. Future of Life Institute has warned of the immeasurable dangers of the development of self-propelled weapons - a CND for the AI ??era. In it, the organization cited campaigns to attack the city of Raqqa, Syria, conducted by a US-led air alliance in the fight against the Islamic State IS. Many air strikes were carried out by unmanned AI aircraft - which resulted in casualties for hundreds of people, including civilians.

The above is only a very small part of the remarkable products that will be performed and discussed at this year's event. Exhibition of 2019 More than human artificial intelligence held at Barbican Cultural Center, London, United Kingdom, taking place from May 16 to August 26. We will dive into every remarkable product. When they are officially performed, invite you to read.

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