

Background: 2050, Soochow, Artificial Intelligence Lab scientist Criss Lu, Creating artificial intelligence that iterates on its own through quantum computers: Loki Z.

Criss Lu: Born in 2050, male, admitted to the California Institute of Technology's Junior Program at the age of 13. A Turing general at age 20, But he is not satisfied with the current research, in order to create a real "human" intelligence, he opened a secret experiment...

Loki

A man wearing a tinfoil jacket walked into a garage that had been abandoned for many years. (Although there are no "cars" in the world anymore,) put on a helmet and used a copper key to open a door which full of the rusty. Inside the door, there is a cabin about half an acre in size. The entire wall and floor are covered with a silver material (MXenes). In the center of the cabin is a huge instrument, with Dr. Lu next to it. A computer conducted the final test of the artificial intelligence program Loki, codenamed Z. (Dr. Lu have already failed for 23 times)

Different from previous AI products, the design and development of Loki did not have any intention at the beginning. He was not born for any specific application

scenario. To be precise, this is not an artificial intelligence research and development project, like gpt 55.5, but an artificial human. At least in this is how Lu Tianming sees it. As the chief scientist of the China Institute of Artificial Intelligence, he has received the greatest R&D authority.

Criss connected a piece of thread to his brain and lay down on a wooden recliner, which could adjust automatically to fit user's body and cover . His eyes were closed tightly, and he seemed to be reciting these things silently. The flickering candlelight above his head projected his face on the wall made of special materials, and his forehead was covered with anxious sweat. The silent monitor on the side suddenly made an unusual noise: "@#...&*@*& ¥ 6" "Didi..." "Progress 99%." "Alas, maybe I should not start this project.."Criss took off the thread and took off the sweat-soaked helmet. Just when his hand touched the power supply and was about to turn it off, the screen suddenly flashed and then went black. Criss was shocked because he had not set up this program in advance. But the characters that appeared on the old LG monitor next were, to be precise, a sentence.

"Hello, Criss Lu, I'm Loki, nice to meet you."

Criss's countenance appears intricate and nuanced. Loki was different from the AI that was trained with algorithms and data and applied to specific scenarios. He was designed from the beginning to simulate the human brain, the way humans think, and everything about humans.

Criss had never felt like this since he connected to the thread again and communicated with Loki. He felt like he was talking to an omnipotent and omniscient god at one moment and communicating with a baby at the other. During the exchange, Criss was shocked. Loki was trying to access the external network. Criss quickly cut off contact and rushed to the control center to cut off the network. Criss was not ready for Loki to enter the human world, nor had he imagined the consequences.

Due to time constraints, Criss temporarily left his "secret" base.

Late at night, a dim red light flashed in the darkness, and a string of eye-catching red characters appeared in the air, progressing to 50%. Several red dots kept flashing.

It was raining lightly in Soochow that day, and Criss once again took the opportunity to come to his secret laboratory. The superior has received a report that

a quantum computer is missing, and he decided to temporarily shut down Loki to deal with this inspection. He connected the thread and communicated with Loki again. This time Loki transformed into an ordinary child, but he kept dancing wildly and seemed to be mumbling something.

"Suicide...I want to commit suicide."

Tianming wanted to ask Loki why, but Loki kept repeating his words.

"The suicide progress is 50% and it will self-destruct after one day."

Criss became more and more puzzled. He began to doubt whether what he did was right. He really couldn't imagine why Loki had such strong emotions. He was also curious about what was going to happen next. He decided to steal the quantum computer one day later. return.

Criss left the laboratory after completing the basic examination as usual. After all, as a "heavyweight" figure, he could not disappear from this world for too long.

The moonlight fell on the wilderness, and scarlet lights lit up underground.

"Progress--75%"

The blazing sun slowly climbs from the horizon,

progress--95%-----96%-----99%-----.

The superior had just asked Criss about the laboratory. In order to avoid spending the rest of his life in prison, he was now rushing to his "secret" base. He put on his helmet as usual and opened the rusty iron door. However, he did not see the dim cabin before. Instead, he was blinded by the red light flashing from all the monitors. The sharp alarm sounded in his eyes. rang in his ears.

"Progress--100%"

All the abnormalities disappeared at this moment, and Tianming breathed a sigh of relief. He walked towards the monitor, but his pupils shrank sharply. He seemed to have seen the most terrifying ghost. He fell to the ground, and the mechanical arm with a special title pointed stiffly into the air. , "you..."

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On the distant horizon, scarlet lights flashed in the sky.

"Progress--100%"

Reference:

MXenes such as Ti_3CNT_x , a two-dimensional transition metal carbonitride, have shown outstanding electromagnetic interference (EMI) shielding properties due to high absorption of electromagnetic waves ([Iqbal et al., 2020](#))

Naguib, M., Barsoum, M. W., & Gogotsi, Y. (2021). Ten years of progress in the synthesis and development of MXenes. *Advanced Materials*, 33(39), 2103393.