

Striving Towards a Modern Coastal Metropolis

'Chat' with ChatGPT

By Xu Zhuowei

Have you spoken with ChatGPT yet?

Just two months since its launch, ChatGPT, the large language model developed by OpenAI, an American AI company, already has 100 million active users.

From crafting imaginative poetry in multiple languages, to generating executable programs, and processing data tables automatically, to correcting grammar and expression errors in articles, ChatGPT can do it all!

This remarkable AI system not only comprehends human language and responds with fluid dialogue, but can also solve a variety of common problems in an expanding range of fields.

Is ChatGPT truly this magical? And how will it impact Ningbo?

The "All-around Netizen"

"Shoot to fame, overnight hit, so hot... These words can no longer describe the popularity of ChatGPT." Jin Lijun, Secretary General of the Municipal Software Association, said that he was surrounded by voices discussing ChatGPT these days.

"Compared with the previously available artificial intelligence software, it has a particularly good ability to understand the questions raised by human beings through natural language." Jin Lijun said that ChatGPT technology is significantly better than the previous generation, and can give better answers that are more in line with human thinking expression.

"Writing papers, plays, novels and translating are all its strengths. My friend is just writing about the history of industrial development in a certain place. He tried to use ChatGPT, the framework of the whole industrial development history immediately appeared," Jin Lijun said, from a practical point of view, the traditional search engine used a "recommendation system" to present results to users, while ChatGPT answered directly, enabling users to skip the steps of



The automobile industry may become the focus of Ningbo's artificial intelligence industry. [Photo provided to Ningbo Times]

browsing, comparing and integrating information.

ChatGPT for Ningbo's Digital Economy

There is no doubt about the strength of ChatGPT is impressive. It seems that all practitioners in the science and technology industry are thinking overnight: Is ChatGPT triggering a new round of "technology explosion"?

As an advanced manufacturing base in the country, Ningbo is seeking further development of the digital economy. Thus, can the city derive benefits from this tech advancement?

"ChatGPT technology will have a great impact on us." Chen Genlang, a professor at Ningbo Institute of Technology, Zhejiang University, believes that Ningbo enterprises are more or less faced with a shortage of talent in the fields of industrial Internet, digital twins, artificial intelligence, big data, cloud computing and so on. ChatGPT can be used as an auxiliary tool for program development, greatly improving the working efficiency of program-

mers, and to some extent, it is expected to alleviate the shortage of program developers in Ningbo enterprises.

With the help of ChatGPT, programmers will see their efficiency improved hugely.

"The program written by ChatGPT is very clear and fully usable. I think it will be a good auxiliary tool," said Professor Chen.

For example, by entering the requirement of "MD5 encryption with C", ChatGPT can help complete the writing of relevant code.

"However, we can't expect ChatGPT to directly complete a large and complex project. The program is composed of many functional modules, so it is absolutely no problem to let ChatGPT help write these basic modules," Professor Chen said.

According to Huang Chao, president of an information technology application research institute in Ningbo, ChatGPT is an application based on large models, which is a good scenario to promote the large-scale application of AI. However, there is still

a long way to go.

"But for the development of Ningbo's digital economy, ChatGPT has certain enlightenment," Huang Chao said. For example, Ningbo can consider developing a large model for the manufacturing industry, promoting enterprises to better apply AI, and solving the common problems faced by enterprises.

Risks Lie Behind

However, while adding fun and convenience to people's lives, the disputes and risks behind ChatGPT have also attracted more attention.

In the view of Professor Chen Genlang, this technology is likely to be restricted. Information security, information disclosure and intellectual property infringement will be the biggest problems.

"When people use ChatGPT for auxiliary work, the input information may be used as training data for further iterations, and the risk of information leakage will also increase," said Professor Chen.

ChatGPT relies on massive database information, including a large pool of information entered by Internet users themselves. Therefore, when users enter personal data or trade secrets and other information, ChatGPT may include it in its corpus, resulting in the risk of disclosure.

According to the lawyer interviewed, the use of ChatGPT may also infringe on intellectual property rights.

When ChatGPT builds the corpus and generates the text, it may lead to infringement if it uses non-public open-source code, uses open source code without a license.

The above lawyer explained that this kind of artificial intelligence is mainly through mining human daily communication and text, and then making statistical analysis. Therefore, for some copyright-protected text, video, code, if you directly obtain and copy them into your own database without the authorization of the right subject, and modify and cobble them on this basis, it is very likely to infringe the copyright of others.



SPOTLIGHT

Ningbo Metro Launches Free Ride Time

By Gou Wen

To promote night economy on holidays, Ningbo metro will be free from February 13 to June 30, after 8:00 PM every day and on public holidays whole day, such as the Tomb-sweeping Day, International Worker's Day and Dragon Boat Festival.

During the free ride time, passengers do not need to buy tickets, swipe card, or scan code to take subway. Moreover, it is worth mentioning that passengers who enter before 8 PM need to scan the code or swipe the card when leaving the station.

On the first day of free ride, some passengers came to wait early. "We have heard that metro is free after 8 PM, it's good news for us," said Miss Wang. She also said that more people may be willing to go out at night.

The businessmen also feel consumption grow. "Our main consumer group is young people. Free subway ride during the Spring Festival this year has brought us a lot of popularity," said Luo Liangning, manager of a beverage shop.

The free ride time first creates an atmosphere of "going out" for people, and when they go out, the consumption atmosphere of "buying" will follow.

The passenger flow of Gulou Station and Cicheng Station has set new highs, three times that of the same period last year.

According to relevant statistics, during the Spring Festival holiday, the total passenger flow of Cicheng Ancient Town and Congma River Block was about 150,000, up 11% year on year.

From the growing statistics, people can see that the free and convenient subway allows more people to take the subway to Cicheng and other places for tourism, which also greatly alleviates the parking difficulties in the city.

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双语汇 Different Tongues

宁波当代艺术馆：打造艺术文化新地标

By Dong Na

Opened in 2014, the Ningbo Museum of Contemporary Art is located at No. 100, Heyi Road, Haishu District, on the site of the former Yongjiang Girls' High School.

宁波当代艺术馆位于海曙区和义路100号，甬江女子中学原址之上，于2014年开馆。

Yongjiang Girls' High School was the first girls' high school in China. The only two remaining Western-style buildings on campus, completed in the Republic of China era, 1911-1949, have been well preserved, and the former gymnasium has become the Ningbo Museum of Contemporary Art. The old buildings are aesthetically integrated with

the new modern buildings within the 1844 Heyi Art Center, making the whole area full of architectural beauty and forming a space for all-round art and lifestyle experience.

甬江女子中学是中国第一所女子中学。学校仅存的两栋西式民国建筑得到完善保留，其中原体育馆成为宁波当代艺术馆。民国风格的老建筑与1844•和义艺术生活中心内的现代新建建筑融为一体，使整个区域充满了建筑美感，形成一个全方位艺术与生活方式体验空间。

Through cooperation with renowned curators and artists with global influence, the Ningbo Museum of Contemporary Art continues to showcase and promote diverse cultures and the works of outstanding artists in different contexts, driving cultural ex-



The Ningbo Museum of Contemporary Art./ 宁波当代艺术馆。 [Photo by Ye Bei] 叶蓓 摄

change between the region and the world, and creating a new permanent art and cultural landmark with an innovative

concept. 通过和全球具有一定影响力的策展人和知名艺术家合作，宁波当代艺术馆不断展示和推广多元文化

以及不同语境下的优秀艺术家作品，带动宁波与全球的文化交流，打造一个创新概念的永久性艺术文化新地标。

