

# New Four Great Applications in China

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#### **Overview**

There are four great inventions in ancient China, Paper making, compass, gunpowder and printing, these technologies had changed the world greatly.

Now in China, there are four remarkable applications in their lives. They are High Speed Railway, Electronic or Online Payment, Sharing Bike and Internet or online Shopping.

These four applications have changed the way of live greatly. Let's know them.



### 1. High Speed Railway(HSR)

HSR is a system of new railways built to operate at speeds of more than 250 kilometers per hour, or dedicated to new "high-speed passenger lines" that can operate at speeds of more than 350 km/h. In addition to a certain standard of speed, the highspeed railway should to be improved in rail, roadbed and operation. China's first high-speed railway is designed for speed of 250km/h in 2003. China's first 350km/h high-speed railway is a Beijing to Tianjin intercity line that opened on August 1, 2008.





The Picture of CRH Train and LOGO









The Picture of internal in the CRH Train (first or business class)



This kind of train runs at high speed, safety and comfortable; the speed of CRH (China Railway Highspeed) is about 350km/h, there is another kind of train called bullet train, which speed is above 200km/h. The CIT500 high-speed train, made by CSR (China South Locomotive and Rolling Stock Corporation Limited), has an experimental speed of 605 km/h, breaking the world record of 574.8 km/h from a French high-speed train.





The Picture of CIT500 Railway



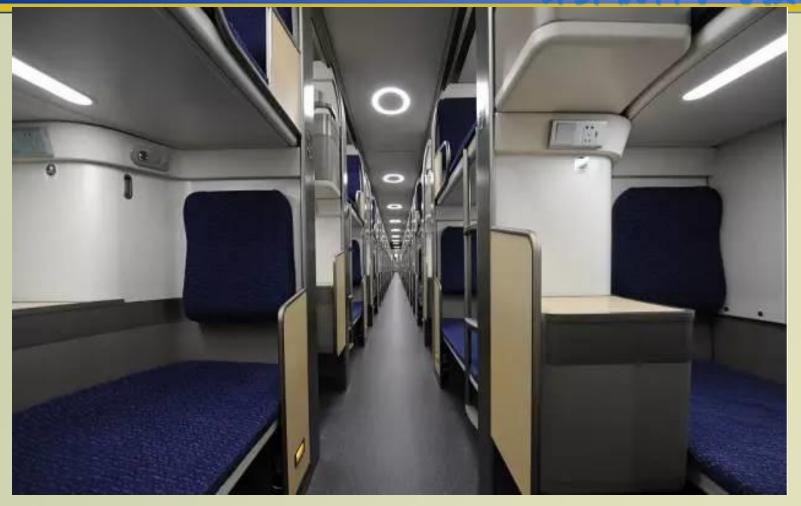
Sleeper High-speed railways have been running since 2017 from Beijing and shanghai, the two biggest cities in China, with a speed of 250km per hour and carrying 800 passengers in Beijing and Shanghai. It leaves at 19:00pm and arrives at 7:00am the next day. The journey takes less than 12 hours.





External view of sleeper high-speed train





Internal view of sleeper high-speed train



# 2. Electronic online payment

Now there are many online payment methods, online banking and other new payment platforms can also complete the payment function. The Alipay launched by Ma Yun got the first simple, secure and fast payment platform. It was established in 2004.



Picture of Alipay Logo



WeChat payment is integrated in the payment function of WeChat client. Users can complete the payment process through mobile phone. The payment is based on the fast payment of bank card binding, providing users with a safe, fast and efficient payment service.



Brand of wechat and Alipay Logo

QR (Quick Response) is a super popular coding method on mobile devices in recent years. It can store more information and represent more data types than traditional Bar Code barcodes.

You can use your phone to scan the QR cord to payment wherever you see the mark. You don't need to carry money with you, and you don't need to find change, so it's easy to use.





QR Code of Wechat Pay and Alipay



## 3. Bike Sharing

Bike sharing refers to that enterprises provide bikesharing services on campus, subway station, bus station, residential area, commercial area, public service area, etc., which is a time-sharing rental mode. Sharing bike is a new kind of environmental protection sharing economy.

#### (1) Mo-bike

Mo-bike is the brand of Beijing mo-bai technology co. LTD, it began to landing service in Shanghai on April 22, 2016.

Mo-bike is the **first** choice to complete the last mile. People can quickly rent and return a mo-bike on their smart phones, and pay little prices to complete a few kilometers of city rides.



Picture of Mo-bike







QR cord in the front of and in the back of mo-bike

At any time anywhere, open the mo-bike app to search for the bike online, you can see the mo-bike around. Click to scan the code and unlock the bike quickly. Use mo-bike's mobile app to scan the QR code on the front or back of a bike, the lock will open automatically. Manually close the lock after parking, and automatically end the charge.

As of August 2018, mo-bike has applied the "scan free unlock". Consumers upgrade the mo-bike APP to version 7.9.0 and turn on bluetooth to unlock the phone when it is close to the lock.





#### (2) OFO

OfO (Online Fuse Offline) is another brand of sharing bike system; the use method is similar to mo-bike.









QR cord in the front of and in the back of OFO



In China, Shared bike users will nearly 210 million in 2017, and users are expected to reach 298 million by 2018. The average daily use frequency of active users was 1.6 times, and the average daily use time of active users was 12.1 minutes.



# 4. Internet/Online Shopping

Although China invented a lot of things, internet/online shopping is as the most successful achievements of 21st century about science and technology revolution, its meaning and value is more than the value of the Internet computer terminal, became the leader of the third industrial revolution of science and technology. Alibaba is the first online shopping platform in China, and then appeared the Taobao, T-mall mall, it can let people never leave home to buy a cheaper and good things.





Picture of shopping by Internet





Internet shopping interface of smart phone



The popularity of online shopping has spawned express delivery industry. At present, express delivery in China is very convenient.



We have just introduces four great applications of China, which have completely changed the way of life and work and brought new experiences.

**Welcome to China!** 

**Welcome to XATU!** 



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