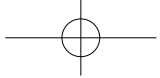




公园也有黑科技

Smart Technologies in the Park



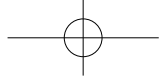
Smart Technologies in the Park

Can mankind and nature coexist harmoniously? Can modern science and technology be reconciled with a pleasant ecology and environment? The answer is “Yes!” In Chengdu, there is a park where you may enjoy not only the beautiful natural scenery, but also the convenience enabled by modern science and technology. Let’s follow Rae, our tour guide, to take a closer look.

It has been nearly one year since Rae, a 29-year-old from Britain, came to Chengdu. He is now a teacher and a vlogger. Today, this sports lover will show us around his favorite park in Chengdu — the Qinglong Lake Wetland Park.



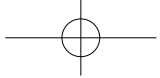
Riding a shared bicycle, Rae gets to the park early in the morning. It covers an area of about 600 square kilometers, and a 3.3 km smart



runway encircles the lake in the park. Since it is the closest park to the main stadium of the Chengdu 2023 FISU World University Games, the park is frequented by many young people, including Rae, who often comes here for a jog.

Before running, Rae has to drop off his belongings. While headphones and knapsacks often prove a burden for joggers, the problem does not exist when they come to the Qinglong Lake Wetland Park. Now Rae finds himself at a smart service station, which looks like an ordinary cabin but has lockers and some other functions. Rae will unlock these functions later, but for now, he needs to open the locker and put away his belongings. The operation is simple. You can open WeChat, scan the QR code displayed on the screen, and pay a 50-yuan deposit before using the locker. The deposited sum will be reimbursed to your WeChat account after use. Rae scans the QR code, puts his stuff inside, and heads for the runway.

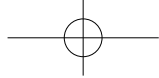
Before he starts running, Rae comes to an LED screen. What is he doing there? Ah, he is getting registered in the smart system. The process is fairly simple. All one has to do is face the camera, and once the scanning is complete, a green dialog box will pop up on the screen. Press the green button — “START RUNNING”, and the registration is completed. You may then start running. The runway is no ordinary path. It has six intelligent high-definition cameras located at various points around the lake, which are used to track the runners through face recognition technology. The track itself is marked by three colored lines, and runners are meant to follow these to make use of the smart system. After he finishes running, Rae comes back to the screen where he has registered himself, and the statistics about the run are displayed



instantly. These include how far he has run (2.95 km this time), the running pace, how many calories he has burnt, and the amount of time he has spent. The screen also shows a video along with some photos of his running, which Rae may choose to download to his own mobile phone. The system is really smart, isn't it?

When Rae is checking out the statistics, two special employees of the park are approaching. At a first glance, they look like two self-driving electric vehicles. In fact, they are maintenance robots; one of them is in charge of cleaning, and the other is a security robot. The cleaning robot has two sweepers at its bottom. As it moves forward, it warns the pedestrians repeatedly: "A26385 is cleaning the runway. Please watch out!" Amazingly, it strikes a conversation with Rae in English.





“Hello, how’s it going?”

“Very good.”

“Could you tell me how the weather is currently?”

“It is cloudy today.”

The security robot is equipped with a siren and flashing lights at its top. It keeps track of the surroundings in order to identify hazards. Operating on a 24/7 basis, both robots are truly conscientious employees of the park.

Now that Rae has finished running, he is going to take a shower. A shower in the park? Yes, exactly. At the Qinglong Lake Wetland Park, you may enjoy a good shower after exercising. Rae will show us how to unlock more functions of the smart service station. As it turns out, in addition to the shared lockers, the station also has still more smart facilities — smart toilets, a vending machine, shower facilities, a nursing room, and a lounge.

Rae steps into the station. On his left are two toilets that are considered environmentally friendly because they are connected to a system that recycles the water. On the right, there is the shower room. Scan the QR code before using it. You are charged per minute. First two minutes are free, and afterwards the rate is 0.5 yuan for each minute. Once you have paid, you can open the door.

Having finished the warm shower, Rae blow-dries his hair and applies some skin-care cream. He feels refreshed from head to toe. At this moment, a nice cup of coffee is what he wants. Rae walks toward the