

National Forensic Doctor

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"It was recorded, and I reported it to the police, but I couldn't find anyone. By the way, can you ask someone to do face recognition?" Jiang Yongxin, who runs a car wash downstairs, is a young man after all, and he immediately thought of new technology.

Jiang Yuan looked blank: "I don't know, I haven't seen face recognition in the bureau."

Jiang Yongxin was a little disappointed and said, "The conditions in our county are still too bad."

"There is no face recognition in the city. There are hundreds of thousands of people in domestic train stations and airports. When will face recognition be used?" Jiang Yuan was helpless.

"Then it's available in foreign countries, why don't we learn how to make it in China?" Jiang Yongxin didn't believe it.

"We are also engaged in gait recognition in China... We don't have this, don't even think about it, even if we have, it is impossible to use it to find you an electric car." Jiang Yuan dipped the mutton in the hot sauce, a little tired.

For the police, detecting electric vehicle cases is a little more troublesome than detecting general theft cases. Because electric vehicles are equivalent to stolen goods that can walk on their own and carry criminal suspects, their disposal is easier than ordinary it stolen is goods, generally faster to commit crimes and leave the crime scene. If the operation is careful enough, it is basically difficult to catch people.

Even if someone is caught, it is difficult to fix the evidence and successfully prosecute the suspect.

In fact, most of the ordinary theft cases, after reporting to the police, have nothing to do with it. A simple description can prove this point - the police at the police station lost their mobile phones and bought a new one for use.

Furthermore, ordinary people's attitudes towards theft cases are also different from those of the police.

What ordinary people hope is to recover the loss, and it is best to punish the thief. Therefore, the primary goal of ordinary people is to recover the lost property, and the secondary goal is to find the criminal. But the first thing the police need to do to solve a case is to fix the evidence, the second is to find the suspect, the third is to successfully prosecute, and the fourth is to recover the lost property.

If it was a homicide or serious case, then completing the primary task, that is, fixing the evidence, could barely qualify as a job. If you can't catch people, you just have to find a way to chase them away. Some suspects run away after committing crimes, and there is no way to arrest them.

But for a theft case, it is obviously not qualified to just fix the evidence. Not only are the victims dissatisfied, but the police themselves are also dissatisfied. It is equivalent to spending one or two days, two or three days, doing useless work.

In a theft case, the police have to achieve the first three goals at one time, that is, fix the evidence and arrest the person and handle the case for prosecution, only then can the work be considered as completed. But even so, it still failed to meet the minimum expectation of the reporter, that is, to recover the lost property.

But even if the lost property is found and four tasks are completed at the same time, for the police, the gains from this operation are still very small. Just cracked a case worth thousands of yuan, captured one or several petty criminals, and recovered thousands of yuan in losses.

Therefore, in small counties where the police force has always been scarce, theft cases and the like have always been low-profile cases. Only when the number of alarms increases sharply for a period of time, and gang crimes or series of cases are discovered, can they be slightly more positive. The premise is that there are no new murders or other serious cases recently.

For the policemen directly involved in the case, the theft is not only unnutritive, but also annoying.

Because this kind of case is not only ignored by them, but also by other colleagues in the bureau. Therefore, you have to queue up for fingerprinting.

That's it, you can't call it out, it's not sensible to call it out—the fingerprint master is working on a homicide case, a robbery case, and a series of arson

cases. You take a discovered electric car theft and ask for comparison, don't you want to compare it? Can't jump in line?

Fortunately, Jiang Yuan can do fingerprints by himself, and he also knows how to survey...

For the theft of electric vehicles, these two skills are enough.

People who are smart, cautious, and strong in execution will take the college entrance examination, kill people, steal hearts, and will not steal electric cars.

"I'll ask someone to help me later, and see if I can find one or two electric cars." Jiang Yuan said very cautiously. However, he also thought it was good to do something for the villagers. There must be some kind of human relationship between relatives, sophistication, and as a junior in forensic medicine, he can't always think about doing things on the blade every time he helps relatives.

The emotions of everyone in the room rose.

Aunt Hua even praised: "Being a civil servant is different. I can help you. Unlike my family, Junye, who let work not work, let the job test not take the job test, and make it impossible to marry a wife..."

Jiang Yuan looked at Aunt Hua who was getting more and more emotional, and had to remind her, saying: "Auntie, you lost the electric car you lost the year before. If you look for it this year, you will definitely not be able to find it."

"It's okay, I'm not short of money." Aunt Hua waved her hands indifferently, and then said: "It's not necessarily that I won't find it. A thief can't be a thief for a lifetime, and he can't just do it for a year. Unless his family has also been demolished, otherwise how can we stop talking and stopping."

Jiang Yuan felt that what Aunt Hua said was wrong, and felt that she was not wrong much.

Jiang Yongxin finished eating the ribs in his hand, wiped his mouth, and asked more actively: "Jiang Yuan, you call someone, I will go to the property and ask them to tune the video."

The two electric cars he lost were both lost this year, and there is still hope of finding them back. More importantly, he not only opened a car wash shop, but

also opened a car and electric car parts store, whether it was theft or the surrounding security, he was uncomfortable.

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Jiang Yuan looked at the sky outside the window, and said: "It's too late, I can't think of when to call someone, just call someone. Well... I'll make a phone call first."

What Jiang Yuan was thinking about was Wei Zhenguo, and he also called Wei Zhenguo.

Wei Zhenguo's No. 6 Squadron has been dealing with theft-related property infringement cases all year round, so it can be regarded as a regular criminal investigation squadron.

Wei Zhenguo, who had just left for a few hours, thought that there was something unfinished about the arson case, so he quickly picked up the phone and asked with a smile, "Forensic doctor Jiang, what do you say..."

There was a smile on Jiang Yuan's face: "Captain Wei, you said before that if you need help, I will definitely find you..."

afternoon.

Huang Qiangmin, the head of the criminal police team, walked around the fourth floor again. Mainly to the medical examiner's office for a conversation.

Lu Jianfeng, the squadron leader of the criminal squadron, accompanied him enthusiastically.

Lu Jianfeng is also a criminal scientist who was born as a technical star. However, that was more than ten years ago. At that time, Lu Jianfeng, who was doing drug testing, established the first drug testing laboratory in Ningtai County, and cracked Drug-related cases one after another, making many meritorious deeds.

However, as there have been fewer and fewer drug cases in recent years, the demand for chemical testing has never been high, and drug testing has almost become a medical examination post. Lu Jianfeng's focus of work has become more and more administrative.

Huang Qiangmin praised the recent performance of the criminal squadron, released a high-intensity smile, and focused on Jiang Yuan's "courage to do things".

In the county bureau, forensic medicine is a natural favorite, especially high-level trace inspection.

A high-level trace investigator can point directly at the murderer, which can save everyone a lot of travel and work. Improving the rate of solving crimes is not only the basis for meritorious service and awards, but also improves everyone's work completion. If it is a little bigger, it can also improve everyone's sense of identity with the job of the police.

Solving crimes has never been a simple job or task.

This point has not changed since ancient times. The special post allowance of 100 yuan per day has never been a reason to work overtime.

When this group of people dispersed, Wei Zhenguo came up smiling.

Wei Zhenguo brought someone over and said, "Mu Zhiyang, you met him before, let him follow you these two days, go to the police station, make an interrogation transcript, watch the video and so on, it's all right."

"That's great." Jiang Yuan couldn't really let an old criminal policeman follow him to find an electric car, and smiled at Mu Zhiyang, who was about the same age, and said, "The surname Mu is quite rare."

"There are not many in our local area. It is said that there was a minister named Li Mu in the Yellow Emperor. Later generations took the character as the surname, so it was passed down. I came from another place." Mu Zhiyang Obviously introduced himself to others. surname.

Wei Zhenguo concluded from the side: "Young people who have been admitted from other places have simple social relations and are easy to do things. They have no family burden and can work overtime. They are educated and easy to handle cases. That is to say, Jiang Yuan, if you want people, others want them. I will not send Mu Zhiyang came here."

Jiang Yuan then expressed his gratitude again, and said: "I have finished those fingerprints, and I will ask Wang Zhong to send them to you later."

There are endless cases in the police station, and the task lists of various criminal police teams will never be cleared. Similarly, the fingerprint lists that everyone needs to do will never be cleared.

Different from the fingerprints of accumulated cases, each active case may involve a lot of fingerprints, most of which are not conclusive.

The policemen in charge of case detection hope to do as many fingerprint comparisons as possible, but the technical policemen of the criminal squadron may never be able to meet their expectations—even if it is a murder case, it is impossible to deal with all kinds of evidence infinitely and meticulously. Not to mention other cases.

Jiang Yuan didn't do a trace inspection, but he could pick up fingerprints and help Wei Zhenguo do a few more sets of fingerprints in advance, even if it was compensated by the six police teams.

After being sold for a good price, Mu Zhiyang happily followed Jiang Yuan, and watched the video in the office.

The video was copied by Jiang Yuan from the property, including the records of a total of 8 cameras in the last three months, and the total amount is huge.

Not to mention the criminal police, the people in the property are too lazy to watch these videos.

Mu Zhiyang and Jiang Yuan watched the videos from 4 cameras by themselves, and put them on the screen for fast replay, which made them feel dizzy very quickly.

for a long time.

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"I found it. This is... it's Jiang Yongxin's electric car." Mu Zhiyang was more experienced, and while operating it, he finally got stuck at a certain point in time. After reading it again, he went back and paused: "It's a violent lockpicking of."

Jiang Yuan paused his video and turned to watch it.

I saw a man in a jacket walking along a row of electric cars, pretending to be on the phone, wandering around while choosing a car.

In about tens of seconds, he selected one of the electric cars, looked around, took it out of his pocket, got on the car, inserted it, twisted it vigorously, and the car started.

"Is this stealing?" Jiang Yuan was full of doubts.

Mu Zhiyang nodded, and said: "Violent unlocking is considered stealing, but it has no technical content. The key he holds is a master key. There are several kinds of master keys, including straight ones and cross-shaped ones. Is it right for him to find one? The tumbler lock with an idle lock cylinder, the master key is inserted in, twisted hard, the lock cylinder is screwed directly, and the car drives away."

"Can the lock cylinder be screwed?"

"This kind of lock cylinder is made of copper. His master key is made of steel, and some are made of alloy steel. As long as it is not a magnetic lock or an idle lock cylinder, it can be broken." Mu Zhiyang wrote on his notebook. After checking the record, he said again: "I didn't wear gloves, but I didn't touch anything other than electric vehicles."

"Good guy, you can call it clean and tidy." Jiang Yuan inspected the scene in the video with LV4 crime scene investigation, and couldn't find any omissions by the thief.

That's one of the reasons electric scooter thefts and the like are frowned upon. A thief who violently unlocks the lock knows that the technical content is not high after thinking about it, but the matter of stealing an electric car is so simple that he doesn't need to leave much information at all.

One of the basic principles of criminal investigation, Locard's principle says this: Whenever two objects touch, there will be a phenomenon of material transfer, that is, some things will be taken away, and some things will be left behind.

The one who stole the electric car is good, he touched the electric car, and then took the electric car away, leaving only footprints...

Footprints are not like fingerprints, they can be directly used to find criminals, they can only be used as evidence at best. Moreover, after such a long time, the footprints in public places must not be preserved.

If it weren't for the video recordings, this case would be harder to solve than a murder case based on the crime scene that Jiang Yuan saw. Even if there is no evidence at the murder scene, the motive can still be found through interpersonal relationships. That's how some homicides are solved. But the electric car theft, how could there be any human relationship involved...

Of course, as far as the case is concerned, it is impossible for the theft of electric vehicles to be as complicated as the murder case. The suspect's own vigilance is limited and his operational ability is limited, so he will appear in the video surveillance, which can also explain the problem in itself.

If you really want to chase this scene, there is no way out. Just follow the video surveillance on the day of the incident, and then find other video surveillance, and track all the way to the past. There is still a relatively high probability of finding clues.

If there is really no hope on the road, follow the place where the suspect lives, or the place where he may pass again, and then send someone to guard, or directly use the criminal police's big killer to investigate, after all, there is a possibility of finding the person.

However, these methods are not available to Jiang Yuan.

"Watch the next video." Jiang Yuan only thought for a short time before giving up the scene.

His goal is only to help recover a few electric vehicles, not all electric vehicles.

"Then let's continue watching the video." Mu Zhiyang took it for granted. He also helped people find things. It was easy and easy, and the troublesome thing was really troublesome.

According to the police records of the Jiangcun community, the two soon saw another electric car theft in broad daylight. The thieves were actually the same person, and they used similar methods. The only difference was that the other party also opened a U-shaped lock and threw it into a trash can not far away.

"Here." Jiang Yuan tapped with his hand, and immediately made a note.

"The video is from a month ago. I'm afraid I won't be able to find the lost U-shaped lock." Mu Zhiyang felt a little regretful, and said, "It's also a problem that the residents reported the crime late, and the police who came out to the police didn't pay attention to protecting the scene."

Jiang Yuan waved his hand, moved the surveillance video forward for a few seconds, pointed to the screen and said, "When he unlocked the U-shaped lock, he put his hand under the pillar."

The pillars are made of I-beams, and the position where the opponent's fingers are inserted is inward and downward, which is a place that ordinary people will not touch, so there is a greater probability of leaving fingerprints.

However, within a month, fingerprints have already entered a metaphysical state, and it is normal to leave fingerprints or not to leave fingerprints.

"In the past?" Mu Zhiyang asked.

"Don't worry, let's look at other things and sample together then."

"Do you want to ask the police from the local police station to go there first?"

"Don't." Jiang Yuan rebuffed straight away, "It's been too long, I'd better go and rest assured myself."

Mu Zhiyang had nothing to do with it, but he didn't think it was necessary.

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The 8 cameras in Jiangcun Community include the entrance and exit and 2 electric vehicle parking spots inside and outside.

The electric car parking place inside has a canopy, and the outside is open to the street, which does not affect the enthusiasm of the thieves.

After watching the video surveillance for a long time, Mu Zhiyang and Jiang Yuan discovered that there were three people in total who came to steal the battery car.

One is a man in a jacket who may have fingerprints on the bottom of the I-beam. He looks like he is in his twenties. He basically uses a master key to unlock the locks violently.

The other two were in a group, which was more violent. They came here twice in total. They drove an electric tricycle over at night and parked it next to the electric vehicle parking spot outside the door. The fuse, and then use a magnet to paste the horn, and remove it directly after the alarm is resolved. For electric vehicles with piles locked, use hydraulic pliers to cut off the chain lock or U-shaped lock that locks the vehicle, and then put it on a tricycle to steal multiple electric vehicles at a time.

The Jiangcun community belongs to the fringe area of the county seat. The south bank where the county government is located is relatively prosperous, while the north bank is a newly built residential area and streets with incomplete facilities. The criminal suspects stole the electric car. I can't find it anywhere.

"It's all without technical content." Jiang Yuan watched the surveillance video, and copied the picture of the transport team throwing cigarette butts and garbage into the roadside gutter into his mobile phone. Can't help but comment.

What he imagined, or thought before, that driving an electric car requires at least unlocking skills, was not reflected in the slightest in either group.

Moreover, from the perspective of efficiency and practicality, the methods used by these two groups are even better than the unlocking mode.

Because technical unlocking always takes a little time, no matter how fast the lock is unlocked, it is nothing more than the same as the violent unlocking of the first group. It cannot be opened faster by turning it twice. unlocking is slower, people will be suspicious if it is not done well.

Mu Zhiyang said cheerfully: "I've already stolen the electric car. What kind of technology do you have? There are even worse ones, who don't even know how to brute force the lock, just wandering on the street to see who forgot to pull out the key of the electric car , immediately sit up and drive away..."

"What if there is no electric car that forgot to pull out the key?"

"Go home and make some noodles, and continue playing with your phone." Mu Zhiyang curled his lips and said, "There are also people who specialize in stealing batteries, they are not much more advanced than this."

"In other words, these three people still have pursuits in the end?"

"That's not true. Just look at these two hydraulic pliers. If you look carefully, they all give priority to cutting the lock head. Why, because the lock fork can be made very hard, but the shape of the lock head is complicated, so the hardness cannot be high. If it can't be processed, or it's too expensive to process, that's what it means..." Mu Zhiyang also relayed what he heard, but he said it clearly.

For things like anti-theft, in the final analysis, it is still necessary to pay attention to cost performance.

A 20-yuan U-shaped lock can only prevent passers-by, but not violent unlocking like jackets. As long as the U-shaped lock of 60 yuan is in the correct position, it can probably prevent the jacket, but it cannot prevent the movement of hydraulic pliers.

The same is true for the alarm system of electric vehicles. An alarm with its own power supply is more practical than an alarm connected to the battery. An alarm with two speakers is more troublesome than one. However, no matter how good it is The anti-theft system is afraid of meeting the right person, especially the standard anti-theft system, which is like the "example questions" in the book. No matter how difficult the example questions are, it can only prevent those who do not read the book and those who are smart and eager to learn.

The best anti-theft mode for electric vehicles is that the owner makes some personalized changes to the anti-theft system of his car. It doesn't need to be improved or improved, as long as the position is changed and the pattern is changed a little, the success rate of anti-theft will be greatly improved. It's as if a little modification of the example questions in the book, changing the numbers or something, is enough to stop those students who haven't studied hard or are not smart enough to learn.

However, it has been reduced to stealing electric cars, the level of serious study, the level of being smart and eager to learn is just that, just look at the clues they left behind, as long as the child who can score 120 points in mathematics, no matter how sloppy the subject is, It's impossible to be so careless.

Jiang Yuan and Mu Zhiyang each rode an electric bicycle, and first went to the Zoumadao police station next to the Jiangcun community to report.

After some communication with Comrade Mu Zhiyang, the two successfully led an auxiliary policeman to accompany them.

Although auxiliary police carry an auxiliary word, in the current grassroots judicial system, they have to do any job and can do any job. Zhou Ta, who is wearing a duty uniform with a police number starting with FJ, is over 40 years old and has 15 years of police experience.

The Zoumadao police station dispatched Zhou Ta because they were afraid that Jiang Yuan and Mu Zhiyang would be ignorant.

Compared with ordinary policemen, Zhou Ta's communication skills are quite good. After walking for a while, he got acquainted with Jiang Yuan and Mu Zhiyang, and then said: "I also often do on-site investigations. In fact, if it's just scanning fingerprints, just tell me, we just go over and scan it, there is no need to come here specially..."

"I want to scan it myself." Jiang Yuanke explained politely: "The fingerprint on the I-beam has been there for a month. I don't know if it can still be scanned."

When Zhou Ta heard this, he immediately stopped the topic, and changed his mind: "Actually, you don't necessarily have to scan your fingerprints. If you go to the street to inquire, you may be able to find someone. Those who steal electric cars for dinner have nothing to do with them." .If you are willing to work hard, someone will confess."

"Then try it next time." Jiang Yuan was just helping his relatives find electric cars. It would be too troublesome to ask Mu Zhiyang and Zhou Ta to take a trip.

What's more, Jiang Yuan doesn't understand the things on the street, so he owes favors for this, and he doesn't know how complicated it is.

Zhou Ta confirmed Jiang Yuan's attitude with a few words, and entered the chatting environment with a smile. He patrols the neighborhood every day, and he knows exactly which store has clean food and which supermarket has rats, and what he said is quite interesting.