

Creative Coding: Python

Presentation

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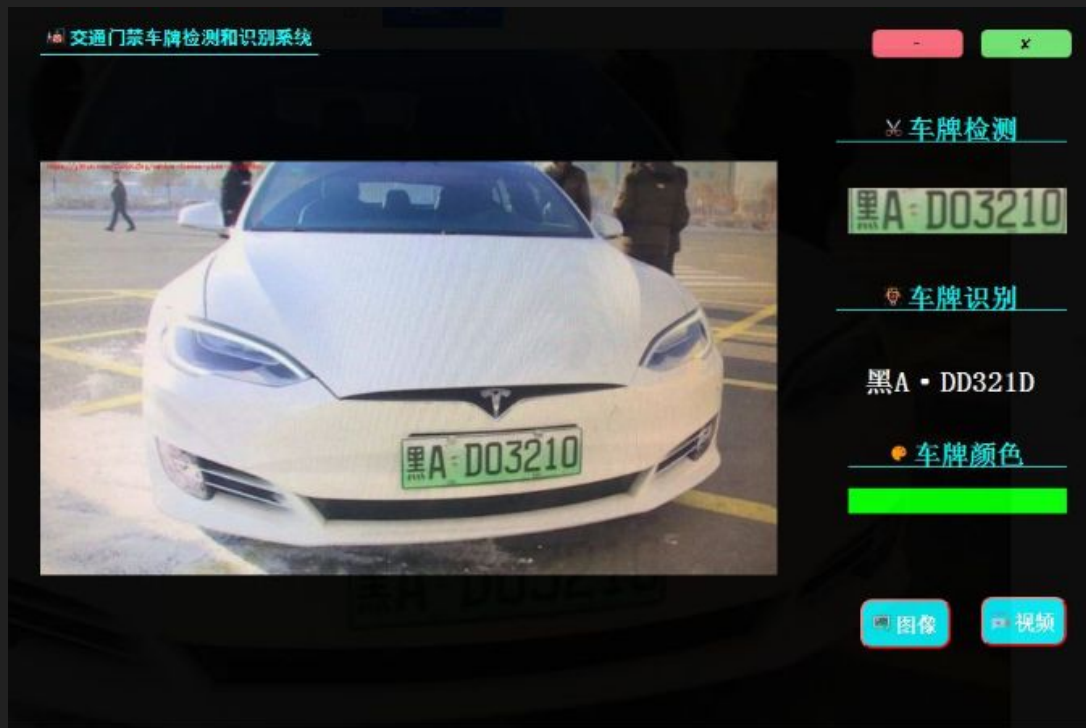
The application of license plate detection and recognition is very extensive, such as traffic violation license plate tracking, community or underground garage access control. In the process of license plate recognition and detection, because the license plate is often a regular rectangle, the aspect ratio is relatively fixed, and the color tone texture is relatively fixed.

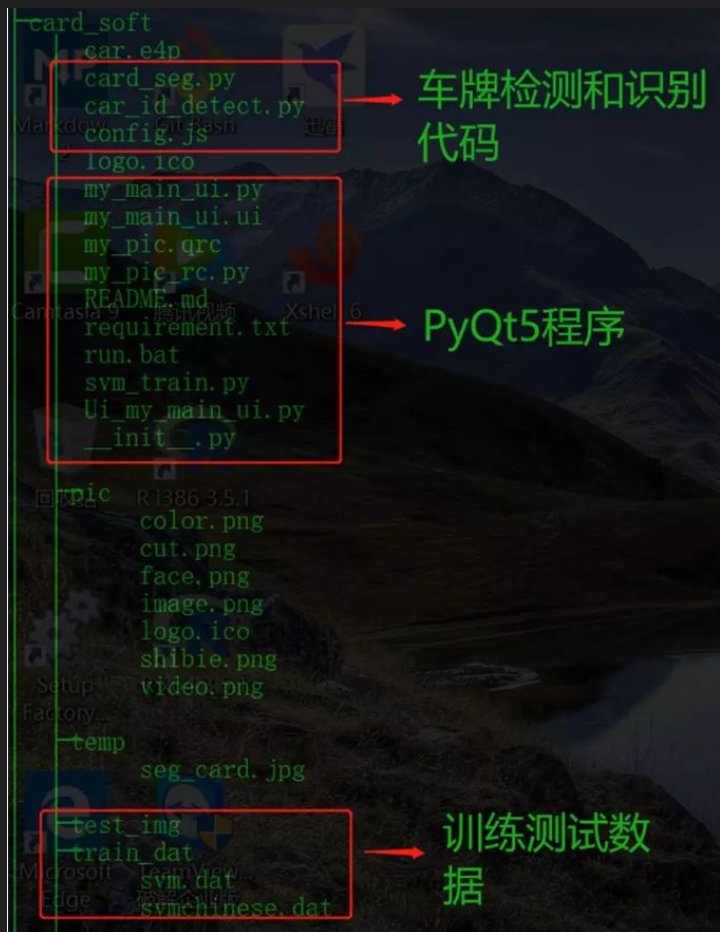


Based on the shape, tone, texture, text feature and other methods, in recent years, with the development of deep learning, some deep learning methods for target detection will also be used.



The current recognition effect is still not ideal for certain scenarios. There are two main reasons. One is that the license plate detection algorithm does not detect the license plate, and the other is that the recognition algorithm is only based on a small amount of training data.





车牌检测和识别
代码

License plate detection and
recognition

PyQt5程序

PyQt5

训练测试数
据

Training test data