

Building a motorcycle license plate recognition interface program using Matlab

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Abstract: In the context of increasingly complex traffic management, building an automatic motorcycle license plate recognition system plays an important role. This project aims to develop a graphical user interface (GUI) program using MATLAB to process and classify motorcycle license plate images. The research method includes a combination of image recognition theory with experiments based on a prepared dataset. The expected outcome of the project is to provide a useful tool for authorities in traffic monitoring and management, while contributing to the field of automatic image recognition research.

Keywords: Motorcycle license plate recognition, MATLAB, image processing, user interface, traffic management