

STUDY AND IMPLEMENTATION OF NEURAL NETWORK TEXT RECOGNITION SYSTEM

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ABSTRACT

The project main objective is to produce a text recognition system. The author has implemented the concept of the neural network into this system. There are three layers, which are, the input layer, hidden layer, and output layer. Input layer is to let the user to draw the text on it. Then the hidden layer will show the hidden part, which is the pixel of the input layer. After the match of various patterns, the system will then output the text, which the user draws. In this project, the author is required to explain how the system could be developed based on his own ideas. Hence, a framework is going to be proposed for the information analyzed through the data gathered. Beside the development part, the author has to conduct some research on the proposed system and on the Windows OS users.