Abstract

People can accomplish anything. That means that there are not obstacles for the one who really wants to do something. Unfortunately, there is a social group of people with hearing disabilities. We believe that “disabilities” should be only formal name without any relation to reality. Therefore, our purpose is do our best to bring that to live.

The problem relevance is in the fact that such works had not written in Russia yet, however people with hearing disabilities exist in Russia too. The project objective is to develop first in Russia automatic sign language interpreter to remove restrictions of communication between all people’s social groups. We have set ourselves the number of task. Here it is:

1. To develop the project of programmable sign-language interpreter;
2. To write a program for the prototype
3. To “teach” the model to recognize speech automatically and translate it into sign language.