1. What is that?This is the model of human arm and sign language interpreter.
2. What is it made from?

Model was printed on 3D printer from ABS-plastic. Also model includes 5 servo-drivers and connecting elements

1. How does it work?Model is controlled by Android app. Application takes the text or recognizes your speech and sends data on the model. Model’s computer translates it into sign language and shows signs via its own fingers.
2. How does Android app working?  
   While we was working with the project, we developed the android application to simplify model control. It includes three control modes: text mode, speech recognition mode and manual mode. Text mode allows you type text, which will be translated via the model, into the app, speech recognition mode allows you tell text, which will be recognize and translate, and manual mode allows you set flex level for each finger manually.
3. Who made this?  
   This project was developed and created by Daniil Kalinin and Kirill Radkin, students of Lyceum 97, Chelyabinsk city, Russia. Science. Academic supervisor – Damir Muratovich Sakanov, teacher of additional education, Lyceum 97.