ASL Glove and Website User Guide

Run on Localhost: (Note: Need React installed for npm)

1. Using terminal go into frontend folder and run “npm start” (this should open a browser and take you to localhost:3000)
2. Using another terminal go into backend folder and run “python app.py”
3. Run svm\_algo\_and\_data\_collection.py on Raspberry Pi (You can also run svm\_for\_website\_testing.py on your computer to test without Pi – just sends random letters to website)

Run on Live site:

1. Go to <http://glove-app.s3-website.us-east-2.amazonaws.com/>
2. Run svm\_algo\_and\_data\_collection.py on Raspberry Pi (Note: live site is very finnicky when it comes to socket so you will probably have to restart Pi program and refresh web page if it stops working)

General Notes:

* Change what you connect to depending on if you are running on localhost or on live site for svm\_algo\_and\_data\_collection.py and svm\_for\_website\_testing.py.

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* To see prediction sent from Pi open up browser console (Right click webpage -> inspect). If working properly you should be able to see the prediction on both “Learn” and “Test Your Knowledge” pages.

Graphical user interface, text, application

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