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I had a lot more trouble with the web component. In the beginning, I had issue importing functions. When importing a function, the detection script runs itself for some reason. After debugging by importing the same file in another test script, I realized that even if I don’t run any functions, the function runs itself. The file containing the functions that needed to be imported isn’t all functions; it runs some functions.

On the console, there was an error. It said “Failed to load resource: the server responded with a status of 500 (INTERNAL SERVER ERROR).” This means the error was from the python web server. Initially, the flask server wasn’t printing out anything when I do print(“something”). Doing print('initialized', file=sys.stderr) fixed the issue. The demo code’s try-catch debugging portion on flask server was broken. I found the issue on the demo’s github <https://github.com/webrtcHacks/tfObjWebrtc/issues/4> and fixed the problem by changing %e to %s. Now the flask web server is able to print python’s errors.

After fixing the debugger, I realized that I wasn’t parsing the image in properly. I was using the method that worked on my computer, cap.read(). However, I was supposed to read it from the javascript server. I also found a couple of minor mistakes caused by modifying the demo and fixed those. I know the detection part currents get parsed to the frontend because I saw the console showing an error. The javascript code isn’t able to read what I had. However, I saw the file it tries to read contains the word “neutral.” the gesture is detected. I will try to fix my javascript code to make it overlay the gesture detected.