

Real Time Object Detection using ReactJS

(Task 3) by Himanshu Nimonkar

GitHub Repository: https://github.com/BoomHimanshu/reactjs_Himanshu

Basic Approach:

- ❖ Accessing Computer Vision Template
- ❖ Coding with COCO SSD
- ❖ Real Time Decisions

Working:

- ❖ Use ReactJS for a standalone front-end application: <https://reactjs.org/docs/react-component.html>
- ❖ Capture Images from a webcam for object detection
- ❖ Make detections using Tensorflow.JS: <https://www.tensorflow.org/js/models> , <https://github.com/tensorflow/tfjs-models/tree/master/coco-ssd> (COCO SSD pretrained Model for object detection by Tensorflow.js)

Commands:

- ❖ **npm install:** To install Node Modules <https://drive.google.com/file/d/1ptWXSeOGqw1uFtSXLIBkDxXEG3rTGmX0/view?usp=sharing> (Node_Modules Folder)
- ❖ **npm start:** <http://localhost:3000/> (To start the localhost 3000 page for react application)

Final Result:



