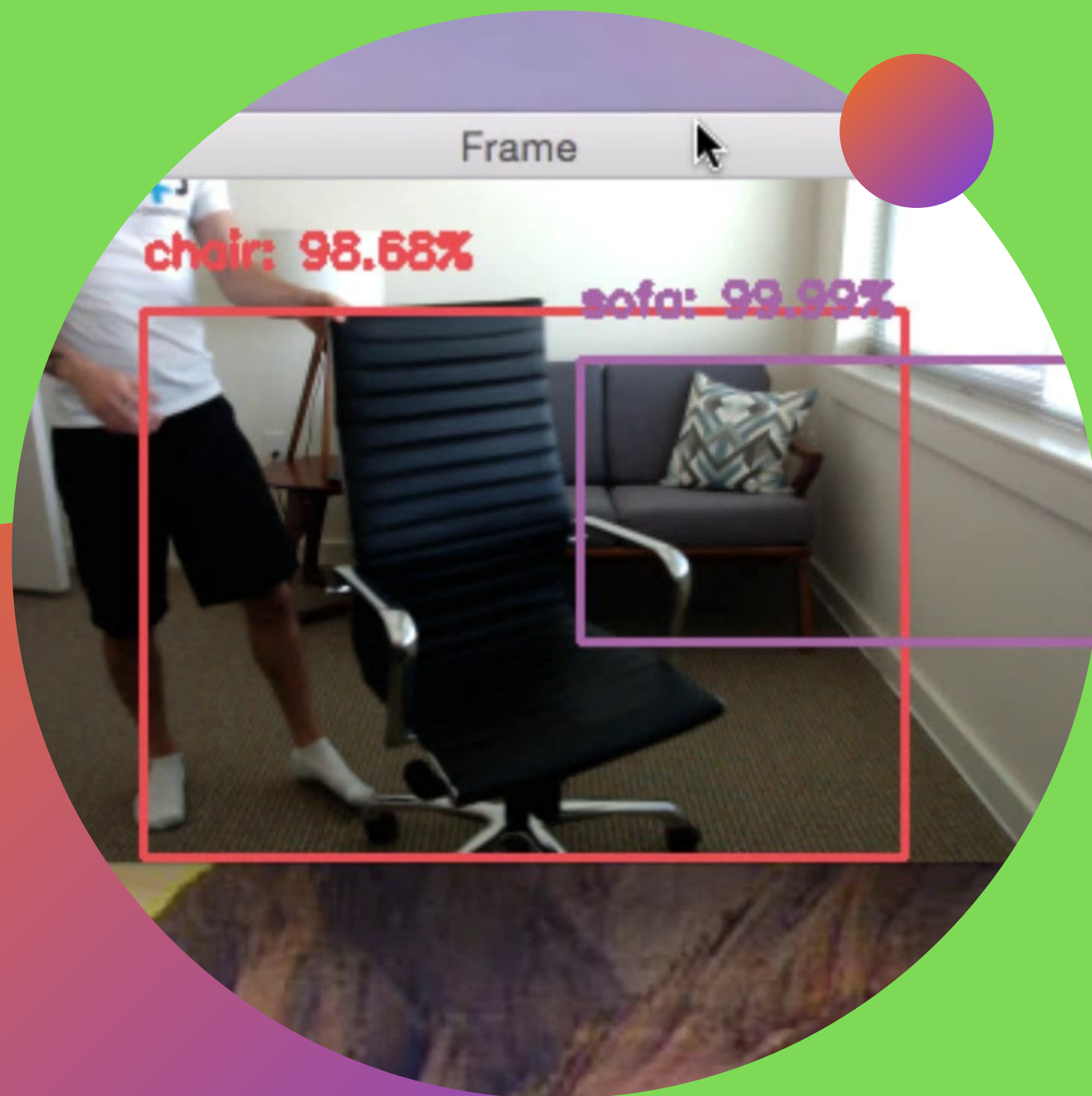


# Boston IT **Assessment**

 **THARRUN S 21BCE8563**



# Major Technologies Used

- TensorFlow
- OpenCV
- CNN
- Deep Learning





# Working of The Model

Uses a CNN (Convolutional Neural Network) made using tensorflow sequential model layer. Gives the output as an CSV file where label of the given test images is stored.



# TENSORFLOW

- Free/open source software library used in ai to create Artificial Neural Networks on which algorithms can be executed.
- Upon which we built a sequential model.
- We use to create a cnn which is trained with our data set and we use it to predict and classify the test data.
- Established in 2015 has a wide range tools taht one can use in AI and ML implementations.

# OPEN CV

- Stands for open computer Vision.
- Provides real time computer vision programming function which is used for a wide variety of app and implementations in the data science sector.
- It is open source and was developed by Intel.
- In our project it is used to read image datasets and also take frames from live webcam and use that as the test file.





# Thank You

With above given technologies we have implemented a deep learning technology that can classify weed