Titles:

Relevant Courses, shit about ML, webD

POR

Extra Currics

Professional experience

Projects and internships

SOS:

Header, mains, advanced, kvpy, inspire, boards, ntse(?), pursuing cs minor

Projects: SOS, SOC, ITSP, obstacle avoider, ping pong, EE112

Extra currics: Bazinga, comparative, NSS, Freshie film making GC, Participated in Prarambh bootcamp for Squash, Atharva quiz

SOC:

Implemented the frontend for the interface of a basic chat bot using Flask and

Mast Bate:

* Organised **Phonathon** that effectuated increment in alumni engagement by **200%** and volunteers by **111%**;Engineered the work flow of calling and updating database of **12500+** alumni with **18** parameters involved

SOC:

Compiled a vast list of intents and entities on IBM Watson Assistant to mimic the interface of the desired chatbot.

Implemented a chat interface and incorporated it with Flask-WTF extension to serve it and create a frontend that will take the user query and send it as a string to NLU.

Performed web scraping using the library ‘Beautiful Soup’ to parse data from HTML, integrated the front end with the back end and incorporated the NLU engine to run the bot on localhost.

ITSP:

Implemented text to speech operation using OpenCV library and Google API with a regular mic as a source to store the speech as a string

Implemented speech to text operation using OpenCV and gtts API to read a string and create plus play an mp3 file.

Developed a Visual Studio app for Kinect as a former part of the project to track skeletal movements and respond suitably to certain joint movements.

Used Keras API to classify human expressions into ‘happy’ and ‘sad’ after training a sample dataset and then respond suitably by using Python libraries with OpenCV to play music or print a message.