



Sai Ravi Teja Gangavarapu

Student

Distinctly curious and zealous person, always working on multiple projects in parallel to keep myself busy at peace.

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EDUCATION

B. Tech

Mahindra University

08/2020 - Present

7.93

Courses

- Computer Science and Engineering

WORK EXPERIENCE

Title/Position

Workplace/Company

SKILLS

Python

C

C++

Linux

GDScript

PERSONAL PROJECTS

Virtual Assistant Bot (05/2021 - 05/2021)

- A virtual assistant that listens to user's speech and assists the user with performing multiple tasks in the computer including translation.
- Code available at <https://github.com/FloareDor/Speech-Scraper-Bot>

Artificially Intelligent Chat-bot (07/2021 - 07/2021)

- Able to dynamically conclude the emotion/message from the sentence and give appropriate static replies.
- Worked on lemmatization for dynamic emotion perception.

End to End Encrypted Chat Room (08/2021 - 08/2021)

- A fully end to encrypted chat room based on the asymmetric cryptography (RSA). Made using the sockets and TCP.
- Code available at <https://github.com/FloareDor/E2E-Encrypted-ChatRoom>

Floareum (11/2021 - Present)

- A (private) (mining compatible) Cryptocurrency that works on the network implementation from the ground up. (Work-in-progress)

R.E.C.O.N (12/2021 - Present)

- Raspberry Pi Compute Cluster - Setup a Compute Cluster consisting of 8 Raspberry Pi 4B's using VLAN's on a managed switch.
- Used MPI + Slurm to deploy mathematical parallel programs.

ORGANIZATIONS

Enigma - The Computer Science club (12/2021 - Present)

Admin, Projects Team Head

CERTIFICATES

A levels (CAIE) (05/2018 - 05/2020)

AAB (Mathematics, Chemistry and Physics)

LANGUAGES

English

Native or Bilingual Proficiency

Telugu

Full Professional Proficiency

Hindi

Professional Working Proficiency

INTERESTS

Cryptography

Deep Learning

Game Development

High Performance Computing

Parallel Computing

Networking

DSP