SREEKAR CHOUDARY YADLAPALLI
Course : **B.E. (Hons.)**, Computer Science, 2025
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CGPA : 8.35

ACADEMIC DETAILS

COURSE	INSTITUTE/COLLEGE	BOARD/UNIVERSITY	SCORE	YEAR
CLASS XII	Rao junior college of science , thane	Maharashtra State Board of Secondary and Higher Secondary Education (MSBSHSE)	99 %	2021
CLASS X	New Horizon Public School	CBSE	96.4 %	2019

Subjects / Electives	Machine Learning , Brain-Inspired Deep Learning , Artificial Intelligence , Foundation of Data Science , Probability and Statistics , Data Structures and Algorithm , Object Oriented Programming , Database Systems , Operating Systems
Technical Proficiency	Python , PyTorch , Tensorflow , Machine Learning , R Programming , C++, Web Application Development

SUMMER INTERNSHIP / WORK EXPERIENCE

IoT Team Intern , Bajaj Electricals Ltd   **Jun 2023 - Aug 2023**
- Designed and implemented a web application , showcasing real-time user-specific energy data in interactive chart format
- Enhanced user access by deploying the web application on AWS cloud service , guaranteeing high availability
- Established IoT device-cloud connectivity , enabling regular data transmission to the cloud at specific intervals

Machine Learning Intern , MASTH , Ultrahive Pvt. Ltd.   **May 2023 - Jul 2023**
- Developed a Machine Learning model for emotion recognition from speech which could identify the emotion with an accuracy of 76%
- Created an API to facilitate the execution of the emotion recognition model allowing smooth integration with various applications
- Created a mock app and successfully integrated with the API to show practical applicability of the model in real-world scenarios

PROJECTS

Project Kratos - Machine Learning   **Sep 2022 - Present**
- Contributed to the Science subsystem , specializing in deep learning code for rock identification
- Developed Arduino code to optimize Atmospheric and Gas concentration sensors
- Conducted chemical tests to identify proteins present in soil and optimized them for rover conditions

POSITION OF RESPONSIBILITY

Coordinator - Peer Mentorship Program (PMP)   **Jul 2023 - Present**
- Designed an essential complaint forum website for first-year students , easing the process for giving feedback and raising concerns about mentors
- The website efficiently processes and records mentee complaints , ensuring timely resolution by notifying relevant coordinators
- Effectively conducted interviews and selected mentors to provide guidance and support for newly enrolled first-year students
- Conducted informative sessions on registration procedures , degree planning strategies , and practice school (PS) insights

AWARDS AND RECOGNITIONS

International Rover Challenge (IRC) | Space Robotics Society (SPROS)   **Jan 2023**
- Finished 4th out of 18 teams which qualified for finals

COMPETITIONS

University Rover Challenge (URC), Utah , USA   **Jun , 2023**
- Among the 37 teams worldwide which qualified to the finals of URC .

International Rover Challenge (IRC), Bangalore   **Jan , 2023**
- Analyzed and identified various geographic features , soil types , and rock types through images captured by the rover's camera
- Presented the findings and conclusions to the judging panel

EXTRA CURRICULAR ACTIVITIES

Kabaddi and Football
- Represented College Kabaddi team in Sports fest and School Football team in various inter-school competitions .

LANGUAGES KNOWN

English , Hindi , Telugu , Kannada