Phone: +91 9381045458

Mail: pranavputsa@gmail.com

LinkedIn Profile: https://www.linkedin.com/in/rama-krishna-pranav-putsa-823335197/

GitHub Url: https://github.com/PranavPutsa1006

PUTSA RAMA KRISHNA PRANAV

Career Objective

To proceed in an organization that helps me grow my technical depth and collaborative skills.

Key Skills

- Python, Java, C
- HTML, CSS
- Data Structures & Algorithms
- Object Detection using OpenCV
- Human-Computer Interaction
- Neural Networks, Deep Learning
- Data Science and Machine Learning (Beginner)

Soft Skills

- Excellent Verbal and Written Communication Skills
- Team Player
- Lateral Thinking
- Adaptability

Projects

1. **Project Title:** Speaker Diarization and Recognition (Neural Network and Deep Learning)
   Duration: February 2021 - Present
   Description: A team-based project to develop a Deep Learning model in Python to detect Speech activity and recognize the speaker(s).

2. **Project Title:** Expense Tracker (Android Application)
   Duration: February 2021 - Present
   Description: A team-based project to develop an android application that tracks user's expenses.

3. **Project Title:** Aahaar (Machine Learning and Web development)
   Duration: January 2021 - Present

Description: A web application to develop a meal recommendation system for Mid-day meal schemes and Non-profit organizations to optimize the price of the meals based on price predictions using Machine Learning and Government nutritional value guidelines.

4. **Project Title:** Gideon (Human-Computer Interaction, Python)
   Duration: June 2020 - Present
   Description: A basic speech recognition program with restricted phrase matching in Python, to achieve a higher degree of determinism compared to that of Natural Language Processing.

5. **Project Title:** ATMA – Amrita Tourism Management Application (DBMS and Web development)
   Duration: September – December 2020
   Description: A team-based simple Tourism Management Web Application implemented using MySQL and Java.

6. **Project Title:** CSE Subsystem, Team Rover ASEB, Indian Rover Design Challenge (IRDC) – 2020
   Duration: May – July 2020
   Description: Worked in a Team-based project to design a next-generation Mars Rover, fully equipped and mission ready for Operation on Mars.

Education

- **B. TECH in Computer Science:** 2018 – 2022

  Amrita Vishwa Vidyapeetham, Bengaluru, Karnataka

  CGPA - 9.35
- **High School (MPC):** 2016 – 2018

  Sri Chaitanya Junior College, Kakinada, Andhra Pradesh

  Percentage - 96%
- **10th Grade (CBSE):** 2015 – 2016

  Ashram Public School, Kakinada, Andhra Pradesh

  CGPA - 9.6

Awards & Achievements

- Research Abstracts on Voice Commands, Body Monitoring and Hyper Spectral Analysis capabilities of Mars Rovers for Indian Rover Design Challenge – 2020.
- Ranked 6th of 28 teams in Indian Rover Design Challenge (IRDC) – 2020.

Activities

- Co-secretary of the IEEE Sensors Council, 2020 – Present.
- Executive, FACE (Forum for Aspiring Computer Engineers), 2020 – Present.
- SLAC 2020 – 24-hour Hackathon, hosted by Jabra and JetBrains.
- Progate Week of Learning: Front-End Web Development Workshop organized by Progate – 2020.

- Computational Linguistics Workshops organized by Amrita Darshanam Department, Amrita School of Engineering, Bengaluru – 2019.
- Quadruped Robot Workshop organized by ProTrex re-explained in association with IIT Kharagpur MEKANIKA – 2018.

Personal Profile

Name: Putsa Rama Krishna Pranav

Date of Birth: 10th June 2001

Languages:

English (Working Proficiency)

Telugu (Working Proficiency)

Hindi (Elementary Proficiency)

Permanent Address: 70-2-166/3A, Behind Boat Club, Ramanayyapeta, Kakinada, Andhra Pradesh – 533005.

Interests: Movies, Music, Travel.