

Hemanth Rao A

Bachelor of Technology (B.Tech) in Electronics & Communication Engineering (ECE)

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EDUCATION

Bachelors Of Technology in Electronics and Communications

Indian Institute of Information Technology

08/2018 - Present

Sri City

Courses

- Programming in C
- Data Structures and Algorithm
- Embedded and Intelligent Systems
- Pattern Recognition
- Overview of Computers
- Object Oriented Programming
- Introduction to Cyber Physical Systems
- Innovation and Entrepreneurship

Intermediate

Sri Chaitanya jr College

06/2016 - 04/2018

Hyderabad

PROJECTS

Chat-Bot

- To develop chatbot using RNN and LSTM.
- An end to end implementation of chatbot.
- The chatbot in a web application

Smart helmet

- IOT based system
- A prototype helmet for avoiding accidents.
- Tech stack: Arduion ide, Firebase

Hearing Aid

- A Prototype which amplifies the sound with different coefficient based on sound frequency.
- Considering Five amplification coefficients for five buckets of frequencies in the Human audible Range.
- Tech Stack: Spice, Logisim, MATLAB.

Classification of Gamma and Hadron

- Classification of a tabulated data taken from telescope image.
- Analyzed the data to understand the patterns and relations in the data.
- Tech Stack: MATLAB, Machine Learning, Artificial Neural Network.

TECHNICAL SKILLS

Languages: C, Python, HTML

Tools: Excel, Anaconda, VScode, LTspice, Logisim

Others : Data Analytics, Machine learning, CSS, IoT

TRAININGS

Machine Learning

Coursera

Python

Coursera

CERTIFICATES

Covid-19 Data Analysis

MATLAB onramp @ MathWorks

Python and Flask Framework @ Udemy

INTERESTS

Resources Management

Badminton

Public Relation Management

Solving Problems

Social Skills