

KRISHNA PREETISH REDDY PALLERLA

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EDUCATION

2020	IIT Kharagpur Dual degree(B.Tech+M.Tech) E&ECE CGPA-8.36/10
2015	Board Of Intermediate Education Andhra Pradesh Percentage: 97.3%

SKILLS

PROGRAMMING AND SOFTWARE OPERATING SYSTEMS RELEVANT COURSES

Python, C, Matlab, Git, numpy, Sklearn, Keras, opencv
Windows, Linux
Programming and Data Structures, Machine Learning, Probability And Stochastic Processes, Signals And Systems, Algorithms

PROJECTS

Oct 2017 to Nov 2017	Emotional Intelligence and Happiness 1)identified the traits of high emotionally intelligent people and low emotionally intelligent people and the words used on social media platform to describe them. 2)Trained a SVM with hand labelled twitter data using word vectors obtained from common crawl corpus using fast text algorithm 3)established a correlation between EI and Happiness by classifying the EI related tweets scraped using a hash tag based method
Feb 2017 to Apr 2017	Eth Photo 1)Worked on frontend development for Decentralised photo sharing app using the Ethereum based blockchain and secured bronze medal in Inter hall Open-Soft competition. 2)Used Google maps API for sharing and searching images based on locations. 3) Developed GUI using material design template. 4) Implemented a search bar for Tag based search with auto-complete feature using JavaScript.
Dec 2016 to Dec 2016	Winter Workshop Implemented Several ImageProcessing Techniques using opencv and C++.
Jul 2016 to Nov 2016	Comparison Of Impedance Matching Networks Performed the reliability analysis of IMNs using Monte Carlo simulation in MATLAB under the guidance of Prof. Arijit De, E&ECE, IIT Kharagpur. We studied and compared two possible L type IMNs and also compared single stage and multistage IMNs based on their bandwidths using MATLAB.

AWARDS

May 2015	JEE Advanced Secured a rank of 1185 among 1.5 lakh students
Apr 2015	Andhra Pradesh Eamcet Secured a rank of 48 among 2.5 lakh candidates
May 2017	NCC-EME Secured a B certificate of NCC

ACTIVITIES

2017 to Current	Opensoft · Vice captain Vice Captain Of InterHall opensoft team
2017 to Current	Case Study · Member Member Of Inter Hall Case Study Team
2016 to Current	Swimming · member Member Of InterHall swimming and waterpolo team

VOLUNTEERING

Aug 2016 to Nov 2016	Rural Development Program · Data Collection and analysis · Kharagpur Collected Data about Health and Sanitary Conditions Of Villages around Kharagpur and provided a detailed analysis of how changes can be brought to the villages around Kharagpur
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