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	Python, C, Matlab, Git, nltk, numpy, Sklearn, Keras, Selenium, Opencv
OPERATING SYSTEMS	Windows, Linux
RELEVANT COURSES	Programming and Data Structures, Machine Learning, Probability And Stochastic Processes, Signals And Systems, Algorithms, Deep Learning with Keras, Data Analytics, Natural language processing
DATABASE	MySQL

PROJECTS

Aug 2017 to Aug 2017	**Analyze This - Conducted by American Express** 1)Analyzed The Credit Card data of Amex Customers and extracted the most relevant features from the given set of features using statistical methods and wrapper methods and dimensionality reduction. 2)Built a predictive model and used it to predict the best 1000 customers who would buy a credit card. 3)Stood 78th in the leaderboard among 2000 competitors.
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 like Blob dectection, Hough transform, 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