Rithikreddy

B.Tech Final Year
COMPUTER SCIENCE & ENGINEERING
NIT WARANGAL

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Links

GitHub:	**Rithikreddy**
LinkedIn:	**Rithikreddy**
CodeChef:	**Rithikreddy**

Education

2017-2021
B.TECH IN CSE
NIT WARANGAL
GPA : 7.07

2015-2017
INTERMEDIATE
Sri Chaitanya Narayana Junior
Percentage: 93.7%

2014-2015
HIGH SCHOOL
Narayana High School,Hyderabad
GPA:9.0

Skills

OS
Linux(preferred),Windows
NETWORKING SKILLS
TCP/IP,UDP,Socket Programming
LANGUAGES
C, C++, Java, Python
HTML,CSS,Javascript
LIBRARIES AND FRAMEWORKS
NodeJS(prior),JQuery,Bootstrap
Pthread(prior), OpenMP(prior)
Tensorflow,keras,Opencv,Simpy
DATABASES
OracleSQL

Coursework

Data Structures
Design and Analysis of Algorithms
Cryptography
Computer Networks
Operating Systems
Internet of Things
Parallel Processing
Database Management
Object Oriented Programming
Machine Learning
Data Science

UnderGraduation Thesis

AUG - PRESENT   **FCVNs using Reinforcement Learning**   **Vehicular Networks**

FCVN(Fog-Enabled Connected Vehicular Network).Using research paper as a base we added aditional objectives to it, trained the model using reinforcement learning. There is no open-source library that is compatible with our scenario, so we made our custom library using simpy, make it open-source to develop.

Python,Simpy

Internship

MAY - JULY   **Johndeere India Private Limited**   **Data Science Intern**

Created a model for detecting the different tires of a tractor using computer vision concepts in python. Deployed the model using NodeJS and used ReactJS for front-end designing to the website.

Javascript,NodeJS,ReactJS,Tensorflow

Projects

2020   **Amazon Website Design**   **Javascript**

Designed a website similar to and contains the same front-end features as the amazon shopping website

NodeJS,ReactJS,JQuery,Javascript

2020   **Adam Research paper Implementation**   **ML**

Implemented the Adam optimisation algorithm from scratch.

2019   **Social Networking Project**   **OracleSQL**

Designed and Implemented Social Networking Database in SQL.

Achievements/Awards

2020   **Codechef**   **Acheived**

Acheived 4star Rating in codechef.

2017   **JEE Mains**   **selected**

Secured AIR 2168 by scoring 251 in JEE MAINS in 2017

PRESENT   **NTSE Merit Scholarship**   **Finalist**

I was one among the top 750 students in India to receive the scholarship since 2015 for getting qualified in NTSE stage-2.

Position of Responsibilities

PRESENT   **Additional Secretary**   **NIT Warangal**

Additional Secretary for the Computer Science Association.

PRESENT   **Additional Secretary**   **NIT Warangal**

Additional Secretary for the Bigdata Analytics and Consulting club.

2020   **Class Representative**   **NIT Warangal**

Class Representative for the Open Elective course.