

# Ambati Rajendra

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## EDUCATION

### CHINTHALAPDI ENG COLLEGE

BTECH IN COMPUTER SCIENCE

Jun 2022 | Ponnur, India

Cum. GPA: 75%

### SUJATHA JR COLLEGE

INTERMEDIATE IN MPC

Mar 2018 | Ponnur, India

Cum. GPA: 89.2%

### ZPHS SCHOOL, NIDUBROLU

Grad. Apr 2016 | Nidubrolu, India

## CERTIFICATES

IBM://Data Science

Coursera:machine learning specialization

Coursera:Learning Specilization

Coursera://IBM Data Science

Coursera://NLP Specialization

## LINKS

Github://ambatirajendra7

Kaggle://Ambati Rajendra

LinkedIn://Ambati Rajendra

## COURSEWORK

### UNDERGRADUATE

Machine Learning

Advanced Machine Learning

Data Structures

Design & Analysis of Algorithms

Theory of Computation

Computer Networks

Operating Systems

Web Development

C Programming

Python Programming

Java Programming

## POSITION OF

## RESPONSIBILITY

Teaching Assistant Machine Learning

Teaching Assistant Deep Learning

## INTERESTS

### TECHNOLOGY

- Python •Machine Learning •Deep Learning •Natural Language Processing
- Computer Vision

## SKILLS

**PROGRAMMING LANGUAGES:** Python, SQL, C,Core Java,Html

**LIBRARIES:** Pandas, Numpy, Tensorflow, Scikit-Learn,Scipy, Matplotlib, NLTK, Re, Beautiful Soup

**MODELING TECHNIQUES:** Exploratory Analysis, Statistical Analysis, Data Mining, Data Visualization, Web Scraping, Linear Regression, Logistic Regression, Random Forests, Support Vector Machines, K-Means Clustering, Hierarchical Clustering, Lasso Ridge Regression, Natural Language Processing, Deep Learning

**MATHEMATICS:** Statistics, Probability, Calculus, Linear Algebra

**TOOLS:** Tableau, PowerBI

**COMPUTER SCIENCE:** Data Structures, Design and Analysis of Algorithms

## WORK EXPERIENCE

### MALARIA PREDICTION USING BLOOD CELL IMAGES | INTERN

Jan 2022 – Mar 2023 | Hyderabad, India

Created Malaria detection model using CNN algorithm created for accurate diagnosis of disease.

### AUTOMATIC TICKETING CLASSIFICATION | INTERN

Oct 2022 – Nov 2022 | Hyderabad, India

Created Model that is able to classify customer complaints based on the products/services. By doing so, we can segregate these tickets into their relevant categories and, therefore, help in the quick resolution of the issue.

### CHATBOT | INTERN

Nov 2022 – Jan 2023 | Hyderabad, India

Created chatbot using artificial intelligence (AI) and natural language processing (NLP) to understand customer questions and automate responses to them, simulating human conversation.

### CUSTOMER CHURN PREDICTION | BTECH PROJECT

Dec 2021 – Mar 2022 | Hyderabad, India

Created Predictive model that detects inactive customers to attract them back to use company products.

## ACHIVEMENTS/AWARDS

- Achieved Kaggle Contributor rank by participating in various data science competitions
- Ranked top 5% in Kaggle's Titanic: Machine Learning from Disaster competition
- Ranked top 5% in Kaggle's Houses Price Prediction: Machine Learning

## ARTICLES

- Written Medium article 'Leveraging Data for Effective Business Decision Making'. Reached 100+ views, explained data's role in improving decisions.