

# Toutireddy Bharath Kumar

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## Personal Profile

A self-motivated and passionate individual in Machine Learning. Motivated and aspiring Machine Learning enthusiast with a strong foundation in computer science, data analysis, Deep Learning and Data Science.

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## Education

### Rutgers University- Camden

#### Masters in Data Science

September 2024 - May 2026

### Sreenidhi Institute of Science and Technology

#### Bachelors in Computer Science

Engineering - CGPA: 3.65

December 2020 - May 2024

### Sri Chaitanya Junior College

#### High School - Score: 96.4%

June 2018 - April 2020

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## Skills

### Languages

English | Telugu | Hindi

### Programming

Python | C | C++

### Soft Skills

Communication | Leadership | Team Work |

### Hobbies

Table Tennis | Basket Ball | Chess

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## Certifications and Courses

### Design and Analysis of Algorithms

January 2023 - March 2023

### Problem Solving through Programming in C

January 2022 - April 2022

## Projects

### Data Analysis on Mobility Dataset

#### Project Guide: Dr. T.V. Rajinikanth (Dean R&D)

August 2023 - September 2023

The goal is to reveal insights, patterns, and trends to alert drivers. The mobility dataset includes GPS tracking and alarm data, and the workflow covers data cleaning, pre-processing, exploratory analysis, classification, clustering and spatial mapping.

### Image Classification Using Convolutional Neural Networks

May 2023 - June 2023

A Convolutional Neural Network trained on the CIFAR-10 dataset consisting of 60,000 images. A multiclass classification problem designed to predict the class label associated with each image on unseen data.

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## Achievements

### Amazon Machine Learning Challenge

Secured 44th Position of 5000 teams participated Nationwide

April 2023

### CS Hack (Hackathon)

Secured 2nd Position of 50 teams participated Nationwide

April 2023

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## Paper Publications

### Analysis of Indian Road Accidents using Data Mining

Multi-Label Classification by identifying accident prone areas using Naive-bayes, Random Forest and Decision Tree Algorithms.

Feb 2023 - May 2024

