

Riya Venugopal Shetty

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EDUCATION

Indiana University - Bloomington - *Master of Science in Data Science*

May 2023

Relevant Courses: Introduction To Statistics, Machine Learning, Elements of AI, Network Science

Shah And Anchor Kutchhi Engineering College, Mumbai

October 2020

Bachelor of Engineering in Computer Science

CGPA - 7.63/10

TECHNICAL SKILLS

Languages: C, Python, Java, SQL, R

Web Design: HTML5, CSS, JavaScript, XML, PHP

Data Analysis: Tableau, Data Preprocessing, Data Modelling, Machine Learning

Operating Systems: macOS, Microsoft Windows, Linux

CERTIFICATIONS

Programming Languages: Certification course in Core Java

Data Science: Certified [Tableau Desktop Specialist](#) by Tableau

Certification course in [Machine Learning by Stanford University](#)

Involvements: Successful participation in Smart India Hackathon 2018-Software Edition.

PUBLICATIONS

Successfully [published research paper](#) in the journal of IJERT Volume 9, Issue 5, May-2020.

EXPERIENCE

Tasklance, Mumbai

June 2018 - July 2018

SEO Analyst - Project Head

- Developed a website in collaboration with two teammates and some blogs for the company, and successfully implemented the keywords assignment for the blogs while making use of the YoastSEO plugin of WordPress.
- Managed the day-to-day activities on the pre-existing website of the company and prepared a presentation for the head associates of the company, under the guidance of the mentor.

The Sparks Foundation

February 2021-March 2021

Data Science and Business Analyst Intern,

- Tested conceptual and practical understanding of the functioning and working in various customs with the dataset.
 - Performed Exploratory Data Analysis on the Indian Premier League dataset, which provided various information as to which player had scored more in the test matches, who had taken the highest number of wickets, etc.
 - Utilized various libraries of Python (seaborn, matplotlib, pandas, etc.) to analyze the data, making it easier to process and aid in visualizing the data.
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PROJECTS

Android Application - Voice Mail Client

May 2020

- Collaborated with teammates to design an android application for an advanced experience in mailing communication for visually impaired individuals that included functionalities such as voice prompts for sending and receiving messages.
- Utilized the TF-IDF algorithm of the Natural Language Processing to summarize file attachments, once the summary is read out by the application, the file is attached and with the user's permission and the mail can be sent.

Automated Essay Grading - An NLP Application

October 2021

- The use of specialized computer programs to assign grades to essays written in an educational setting is known as automated essay scoring (AES). It divides a large set of textual entities into a small number of discrete categories, which correspond to the possible grades, such as the numbers 1 to 6.
- It produces a prediction model in the form of an ensemble of weak prediction models for regression and classification problems. It constructs the model in a stage-wise manner and generalizes them by allowing optimization of an input.