

# SINCHANA R

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## EDUCATION

M.Sc in Big DataAnalytics

St Joseph'sUniversity

📅 July 2022 – Present 83.4%

B.Sc in Physics, Mathematics and Chemistry

St Joseph's College (Autonomous)

📅 July 2019 – July 2022 CGPA:9.53

Class XII

SKCHC PU College

📅 June 2018 – March 2019 95.5%

Class X

R.V Public School

📅 May 2016 – May 2017 93.3%

## PROJECTS

JobLinkUp

📅 Present

- Developed a job portal to connect recruiters with student
- Used **HTML**, **CSS** with **Jinja-templating** engine for the front-end.
- Used **Flask** for the back-end and **SQLite** for the database.
- Handling deployment on **AWS Beanstalk** currently.
- Used **Git** and **GitHub** to collaborate with the team-mates.

Network Intrusion Detection System

📅 January 2023 – April 2023

- A team project where we built a network IDS on CIC-IDS 2017 dataset using various machine learning algorithms like, **PCA**, isolation forest, and **Random Forest**.
- Used **SMOTE** for balancing the dataset.
- Used Random forest for feature extraction and detection of anomalies and classification of various types of attack.

Sentiment Analysis on Music Lyrics

📅 September 2022 – December 2022

- Analyzed the lyrics of a song to label the song as happy, sad or angry and then performed exploratory data analysis on the relationship between audio descriptors of the song to their sentiment classification using **NLP**

Spam Email Classification

📅 September 2022 - November 2022

- Utilized **Naive Bayes classifier** to distinguish between spam and ham mails in our personal emails.

## SKILLS

Python

Pandas

MySQL

Scikit-Learn

Machine Learning

Power BI

Data Visualisation

NLP

R

Git

Matplotlib

Seaborn

Tensorflow

Keras

Flask

MS office

Pig

Hive

## CERTIFICATIONS

Data Analytics Consulting Virtual Internship

Forage – KPMG

📅 June 2023

## COURSEWORK

- Data Structures and Algorithms
- Object- Oriented Programming
- Hadoop
- Machine Learning and Deep Learning
- Spark and Scala
- Linux
- Data Warehousing
- Database Management Systems

## EXTRA - CURRICULAR ACTIVITIES

- Event Head - Young Data Scientist, the premier event in inter-collegiate fest Datagram 5.0 held in 2023.
- Crew Member in "Weekend with Data" a Data Science podcast held by SigmaSquared Association.

## LANGUAGES

English

Kannada

Hindi

## PERSONAL INTERESTS

- Poetry writing
- Reading
- Dancing
- Painting