

Rajni Gupta

A Programme Devotee and Full Stack Development enthusiast with keen interest in Machine Learning & Data Science.

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📍 Pune

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EDUCATION

Bachelor of Technology - CSE D Y Patil International University

07/2019 - Present

8.92

WORK EXPERIENCE

Research Intern

D Y Patil International University

06/2021 - 07/2021

Pune

Responsibilities/Tasks

- Detecting objects in Image using **CNN Techniques(VGG16)**.
- Performed **Data Curation, Image pre-processing & FE**.
- Obtained accuracy of **90.12%** even for worst cases.

Machine Learning Intern

D Y Patil International University

06/2021 - Present

Pune

Responsibilities/Tasks

- Understood about **audio datasets**, inferred information, pre-processed data and **normalized** it.
- Learnt Voice characteristics, speech parameters, Vector Quantization, DTW, and **Visualization of Audio**.
- **Extracted audio features** (MFCC, Zero Crossing, PCA,CF) by **pre-processing** audio & trained it using **Python Libs**.

HR Intern

My Captain -The Climber

02/2021 - 08/2021

Bangalore

Achievements/Tasks

- Led team of **20 Interns** every month to guide them in **Business** and **Marketing** Domain.
- Drove my **analytical** and **communication skills**, acquired experience of working under extreme conditions.

Data Science & ML Scholar Intern

Twowaits Techn.

02/2022 - 02/2022

Achievements/Tasks

- Performed EDA on multiple Datasets.
- Responsible to trained models using ML Algorithms.

VOLUNTEERING

Google Developer Student Club (12/2021 - Present)

Web Development Lead

LASUX-V Club, DYPIU (08/2021 - Present)

Tech Team Associate

Codechef Chapter, DYPIU (11/2020 - 07/2021)

Tech Team Co-leader

Journal Club, DYPIU (11/2020 - 07/2021)

Admin Member

SKILLS

Python

Django

MySQL

Machine Learning

Deep Learning

ReactJS

Tensorflow

JavaScript

C++

C

Neural Networks

PERSONAL PROJECTS

Object Detection (02/2022 - 02/2022)

- Built a model that recognizes the objects from **video /gif /pic** using **VGG16, OpenCV, Keras and Tensorflow**.

Self-Driving Taxi (05/2021 - 06/2021)

- Building **AL(Gym)** based self-driving taxi that can pick up passengers at one of a set of fixed locations, drop them off at another location, and get there in the **quickest amount** of time.

Cardiovascular-Ailment Pred. (10/2021 - 11/2021)

- Built a model based on **Random Forest Algorithm** that can predict whether there's a possibility of person getting a heart attack.
- Chose best model by Comparing accuracy of **multiple models**.

Codechef DYPIU Chapter (05/2021 - 06/2021)

- Built **Django** Based website using **HTML, CSS, Javascript & Python** which takes take event's details conducted by codechef.

CERTIFICATES

ML,Data Science,DL With Python (04/2020 - 05/2020)

Artificial Intelligence (04/2021 - 04/2021)

Data Science - Case Studies (11/2021 - 12/2021)

Microsoft AI Classroom Series (02/2021 - 02/2021)

ACHIEVEMENTS

Google Hash Code 2021 (02/2021 - 02/2021)

Secured **8855th** rank globally in **HashCode 2021**

Google Code Jam (03/2021 - 03/2021)

Qualified for **Code Jam Round 1** with **59 points** in Qualification Round

Coding Ninjas (02/2021 - 02/2021)

Secured **1301th** rank globally in **Code Kaze'21**

Cloud & Data Science Workshop (09/2021 - 10/2021)

30 Days of Google Cloud and Data Science Workshop by Google

CodeKaze by Coding Ninjas (03/2022 - 03/2022)

Secured **Rank 1** in college and **All India Rank 69** in Round 2

Academic Scholarship-DYPIU (08/2020 - 05/2021)

Secured **2nd** Position in the Academic year 2020-2021

INTERESTS

Artificial Intelligence

NLP

Data Analysis

Data Structures and Algorithms

Computer Vision