Rajni Gupta

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

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | [rajni.gupta2901@gmail.com](mailto:rajni.gupta2901@gmail.com) |  | +91 8788145097 |  | Pune |  | [linkedin.com/in/~rajni](https://www.linkedin.com/in/~rajni/) | | |  | [github.com/rajni0829](https://github.com/rajni0829) |
| **EDUCATION** | | |  |  |  | **SKILLS** | | | |  |  |
| **Bachelor of Technology - CSE** | | |  |  |  | Python | | Django | MySQL |  | Machine Learning |

D Y Patil International University

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| *07/2019 - Present*, | *8.92* | Deep Learning | | ReactJS | Tensorflow | JavaScript |
|  |  | |  | | --- | | C++ | | |  | | --- | | C | | |  | | --- | | Neural Networks | | |  |

**WORK EXPERIENCE**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Research Intern** | | *Pune* | **PERSONAL PROJECTS** | |
| D Y Patil International University |  |
| Object Detection (02/2022 - 02/2022) |  |
| *06/2021 - 07/2021*, | |
| Built a model that recognizes the objects from **video /gif /pic** using **VGG16,** | |
| *Responsibilities/Tasks* | |  |
| **OpenCV, Keras and Tensorflow.** | |
| Detecting objects in Image using **CNNTechniques(VGG16).** | |
|  | Self-Driving Taxi (05/2021 - 06/2021) |  |
| Performed **Data Curation**, **Image pre-processing** & **FE.** | |
|  | Building **AL(Gym)** based self-driving taxi that can pick up passengers at one | |
| Obtained accuracy of **90.12%** even for worst cases. | |  |
| of a set of fixed locations, drop them off at another location, and get there | |

in the **quickest amount** of time.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Machine Learning Intern** | | *Pune* | Cardiovascular-Ailment Pred. (10/2021 - 11/2021) | |  |
| D Y Patil International University |  |
| Built a model based on **Random Forest Algorithm** that can predict whether | | |
| *06/2021 - Present*, | | there's a possibility of person getting a heart attack. | | |
| Chose best model by Comparing accuracy of **multiple models.** | | |
| *Responsibilities/Tasks* | |  |
| Understood about **audio datasets** , inferred information, pre- | | Codechef DYPIU Chapter (05/2021 - 06/2021) |  | |
| processed data and **normalized** it. | | Built **Django** Based website using **HTML, CSS, Javascript & Python** which | | |
| Learnt Voice characteristics, speech parameters, Vector | | takes take event's details conducted by codechef. | | |

Quantization, DTW, and **Visualization of Audio.**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Extracted audio features** (MFCC, Zero Crossing, PCA,CF) by **pre-** | | **CERTIFICATES** | | | |  |
| **processing** audio & trained it using **Python Libs**. | |
| **HR Intern** | | ML,Data Science,DL With Python (04/2020 - 05/2020) | | | |
| My Captain -The Climber |  | Artificial Intelligence (04/2021 - 04/2021) |  | | |
| *02/2021 - 08/2021*, | *Bangalore* | Data Science - Case Studies (11/2021 - 12/2021) | |  | |
| *Achievements/Tasks* | |
| Led team of **20 Interns** every month to guide them in **Business** and | |
| Microsoft AI Classroom Series (02/2021 - 02/2021) | | |  |  |
| **Marketing** Domain. | |

Drove my **analytical** and **communicationskills**, acquired   
experience of working under extreme conditions.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Data Science & ML Scholar Intern** | | **ACHIEVEMENTS** | | | |
| Google Hash Code 2021 (02/2021 - 02/2021) | | |  |
| Twowaits Techn. |  |
| *Secured* ***8855th*** *rank globally in* ***HashCode*** *2021* | | | |
| *02/2022 - 02/2022*,  *Achievements/Tasks*   Performed EDA on multiple Datasets.  Responsible to trained models using ML Algorithms. | | 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*

|  |  |  |
| --- | --- | --- |
| **VOLUNTEERING** | Cloud & Data Science Workshop (09/2021 - 10/2021) |  |
| *30 Days of Google Cloud and Data Science Workshop by Google* |
| Google Developer Student Club (12/2021 - Present) | CodeKaze by Coding Ninjas (03/2022 - 03/2022) |
| *Web Development Lead* | *Secured* ***Rank 1*** *in college and All India* ***Rank 69*** *in Round 2* |
| LASUX-V Club, DYPIU (08/2021 - Present) | Academic Scholarship-DYPIU (08/2020 - 05/2021) |
| *Secured* ***2nd*** *Position in the Academic year 2020-2021* |
| *Tech Team Associate* |

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

|  |  |
| --- | --- |
| *Tech Team Co-leader*  Journal Club, DYPIU (11/2020 - 07/2021) | **INTERESTS** |

*Admin Member*

|  |  |  |
| --- | --- | --- |
| Artificial Intelligence | NLP | Data Analysis |
| |  | | --- | | Data Structures and Algorithms | | | |  | | --- | | Computer Vision | |