

KRISHNA MOHAN

ACADEMIC PROFILE

Degree/Certificate	Institution	Percentage/CGPA	Year
IDD	Mining Engineering IIT (BHU), Varanasi	7.62	2021
CBSE (XII)	Paramount Academy	79.60	2015
CBSE (X)	S N A Bal Vidyalaya	91.20	2013

SKILLS

Areas of Interest

- Machine learning , Data Science , Deep learning ,Data Structure and Algorithms, Cloud Computing .

Operating Systems

- Windows, Ubuntu, Linux.

Programming Languages & Software

- C ,C++, python, SQL,MS Office (Word, Excel, Powerpoint).

INTERNSHIP/TRAINING

Machine Learning Intern at Quantphi Analytics Solutions Private Limited , Mumbai. May 2019 - July 2019

SUMMER INTERNSHIP

- Worked in **AI based product**(Athenas Owl) development team.
- Solved a **business problem** using different **clustering methods** and analysed their results.
- Built an **image classification** model for two different class of images.
- Developed an **Semantic Image Segmentation** model in keras and implemented early stopping and patience also for better training of model.

PROJECTS

Facial expression recognition using Convolution Neural Network Aug 2018 - Jan 2019

- Developed a Convolutional neural network (**CNN**) based model for emotion recognition in a real time images.
- Classified the expression of face in image out of seven basic human expressions.
- Tools used : **Numpy, Pandas.**

Robotic Process Automation(RPA)

- Automated the normal notepad application using **Ulpath studio.**
- Created new processes and a bot in an **orchestrator.**
- Each user can edit, write any input in the automated notepad.

Price Prediction of old Cars using Machine Learning Techniques. Feb 2019 - April 2019

- Built a price prediction **machine learning** model of old cars.
- Comparative study of different models was done.

Segmenting an unordered text document

- Structuring of an unordered text document based on keywords extraction .
- Used predictive methods such as TextRank algorithm and **Google's USE(universal sentence encoder).**
- Mapped each sentence to the most appropriate **cluster.**

PUBLICATIONS

Prediction of dragline failures using gradient boosting algorithm

- Conference paper was published to the **national conference** on "Advances in Mining(AIM - 2020)" at CSIR-Dhanbad.

POSITION OF RESPONSIBILITY

- Joint General Secretary, **Social Service Council** IIT(BHU).
- Organized Astrophotography event at Technex'18' as a Event Co-coordinator.

EXTRA-CURRICULAR ACTIVITIES

- Volunteer at **KASHI UTKARSH**, an initiative by the student body to spread knowledge across less privileged sections of the society and also making them productive for their future by providing them employment opportunities and many more.
- Participated in **Code.Fun.do** online Hackathon.
- Participated in **Software development virtual experience** program of JPMC.

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