MANU SHARMA

B.M. Khan ● Agra, 282002.
●work.manu.sharma@gmail.com ● +91 6397955439 ● Linkedin

EDUCATION

Bachelor of Technology, CSE(AIML), GLA University, Mathura	2020-2024
Intermediate, St. Peter's College School, Agra	2019-2020
High School, St. Peter's College School, Agra	2017-2018

RESEARCH WORK

CONFERENCE ISCON 2023   Feb 2023

- Contributed to a research in Machine Learning: Data Mining Domain
- Proposed a **hybrid feature selection model** combining mRMR and Boruta/RFE to enhance data preprocessing
- Using the novel approach, classification accuracy was increased from 90.21% using earlier techniques to 95.83%
- Worked under the guidance of Prof. Dilip Kumar Sharma, Dean (International Relations) GLA University.
- The paper was accepted for publication in the ISCON 2023 conference. Link.

PROJECTS

Loan Eligibility Prediction Portal,   Jan 2023

- Collaborated in a team of 4 to create a **machine learning predictor to check for loan eligibility**
- Embedded Feature selection techniques with a classifier to ease the process for clients
- Integrated our predicting model with web technologies to create a form-enabled portal
- **Tech Stack** - ML modeling, mRMR_Classif, HTML, CSS

Fish Species Detection,   Mar 2022

- Developed an image classification model using **TensorFlow and Convolutional Neural Networks** to classify images.
- Used various techniques to deal with the large input image size of 5000 images of 7 different fish species
- Applied data augmentation techniques and configured the dataset by caching, normalizing and batching it into the pipeline to optimize fetching.
- **Tech Stack** - TensorFlow, Python, CNN.

SKILLS

Languages : Java (Proficient), Python(Proficient).

Frameworks : TensorFlow, Keras, SciKit learn.

Professional : Leadership qualities, Polished Communication Skills, Time Management.

EXTRA/CO-CURRICULAR ACTIVITIES

- 2nd Runner-up at Technical Paper Presentation (IBM ICE Day, GLA University 2022)
- Guided a team of 20 students as an event head, at a state level technical fest (Techno-Fi, 2020)
- 250+ Solved Questions on Leetcode
- 1552 Rating on Codechef
- State Level Football Player and an avid Athlete.

DECLARATION

I hereby declare that all the above mentioned information is true and correct to the best of my knowledge.