SARVESH SHARMA

Engineering Undergraduate

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EXPERIENCE

Teacher's Aide - Data Science

Coding Blocks

June 2023 – present **Rohini, India**

- Offer **one-on-one support** to students who require **additional assistance** with their assignments or understanding of concepts.
- Conducting **live online classes** on behalf of the teacher.
- Can clear up to **95% doubts** on various topics in Data Science .and Machine Learning.

Data Science Intern

Exposys Data labs

May 2023 – June 2023 **work from home**

- Learning by doing implementations of different **Machine Learning algorithms.**
- Build a **Customer Segmentation Project** using **K-Means Clustering algorithm** in Machine Learning, with 95% accurate results by mathematical calculations and **Elbow method of graph plotting**.
- Made a model to divide **customers in segments** according to their **annual incomes and spending score** and also visualizing the **gender and age distributions**.

TECHNICAL SKILLS

- **Programming Languages**
  - C++
  - C
  - Python
  - Javascript
- **Frameworks & Libraries**
  - HTML, CSS
  - Tensorflow , Pytorch
  - Scikit – Learn , Keras
- **Version Control**
  - Git
  - Github

COURSEWORK SUBJECTS

- Operating System
- Computer Networks
- Object Oriented Programming
- Database Management System

EDUCATION

B.Tech. (EEE) - 9.234 CGPA

Maharaja Agrasen Institute of Technology

2020 – 2024 Rohini, Delhi

Senior Secondary - 83.8%

Ryan International School

2019-20 Rohini, Delhi

Secondary - 8 CGPA

Ryan International School

2017-18 Rohini, Delhi

PROJECTS

Potato Disease Classification

- **Tensorflow | Keras | Matplotlib | Fast API.**
- Build a full fledge working website, which can identify **disease of a potato plant by uploading a picture** of the **infected leaf**

Customer Segmentation Project

- **-Means Clustering | Numpy | Pandas | Matplotlib.**
- Trained a model using **K-means Clustering algorithm** to classify segments of customers according their **annual incomes and spending score** and also visualizing the **gender and age distributions.**

CNN model on CIFAR-10 dataset

- **Neural Networks | Deep learning | Computer vision | Python libraries**
- This is **deep learing** model on the **CIFAR-10 dataset** using **CNN** , classification of data between **10 diffferent** objects and achieving a accuracy of **90% on test data**.