Atharva Sohani

Location: Thapar University, Patiala

LinkedIn | GitHub | Email: greenmyworld1@gmail.com | Mobile:+91-7089604119

ML-AI Student

I am a Machine Learning and Deep learning enthusiast with experience in Python and libraries such as **Tensorflow, keras, Scikit-Learn, Matplotlib, Numpy, Pandas and Microsoft Planetary Computer**. I have knowledge of popular computing platform such as **Apache Spark and Hadoop** along with knowledge of **Web scraping tools** such as **Selenium and Beautifulsoup.**

Technical Skills

Languages	:	Python, Rust, C, C++
Libraries	:	Scikit-learn, TensorFlow, Keras, Numpy, Pandas, Scrapy, Pytorch, Matplotlib
Databases	:	PostgreSQL
Dev Tools	:	Jupyter notebook, Google Colab, PyCharm, Apache Zeppelin, Visual Code Studio,Sublime Text

Experience

Artificial Intelligence Intern July 2023 – Present
VideoVerse *Location - Indore, Madhya Pradesh*

- AI Research Intern - Works on developing new computer vision algorithms and models using OpenCV and other libraries.
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  Core Member Apr 2022 – 23
  Econ Club *Location - Thapar University, Patiala, Punjab*
  * Worked in the Technical and Marketing Department

Education

Thapar Institute Of Engineering and Technology Patiala, Punjab, Ind
Bachelor of Engineering in Electrical and Computer Engineering *Oct 2021 – June 20*

Projects

Dog-Vision *Tensorflow, Python, Numpy, Matplotlib* Source Co

We will build an AI model to classify different dog breeds using**Tensorflow, Scikit-learn, Python**
Deployed on GitHub pages via GitHub Actions

Time-Series-Regression-Problem *Scikit-Learn, Python, Matplotlib* Source Co

we're going to go through an example machine learning project with the goal of predicting the sale price of bulldozers.
The data and evaluation metric we'll be using (root mean square log error or RMSLE) is from the Kaggle Bluebook for Bulldozers competition.

Heart-disease-Detector *Scikit-Learn, Python, Matplotlib* Source Co

The heart disease detector project is a machine learning-based system that analyzes patient data to predict the likelihood of heart disease.
The system takes in patient information such as age, gender, blood pressure, cholesterol level, and other medical factors as input and analyzes this data using various machine learning algorithms to determine the likelihood of heart disease.

Certifications

Certified Machine learning and Data Science by ZTM