Sahil Saini Salaria

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EDUCATION

Bachelor of Technology (B.Tech), Computer Science & Engineering
Manipal Institute of Technology, Manipal – 2018 - 2022 – CGPA: 8.30/10
Senior Secondary (XII), Science
Shiksha Niketan Higher Secondary, Jammu – Year of completion: 2018 – Percentage: 93.00%
Secondary (X),Science
Fatima Covent, Jammu – Year of completion: 2016 – Percentage: 90.20%

COURSES

Machine Learning using Python online -Project-based-course - Skyfi Labs
Data Analysis and Data Visualization - Ineuron
Python by Ineuron - Ineuron
Stats for Data Science - Ineuron
ML and AI using COVID-19 virus Data Analysis workshop - Finland Labs
Accessing web Data using Python - Coursera
Crash course on Python offered by Google - Coursera
Python by university of Michigan - Coursera

SKILLS

Programming Languages: Fluent in C/C++, Python
Familiar with : Java, SQL, Verilog, Fortran, LaTeX,Linux Shell Scripting, fair acquaintance with ARM assembly programming (NXP LPC 1768)
Libraries and Frameworks:
Python:- Numpy, Pandas,Scikit-Learn,Matplotlib,seaborn and some others.
C++:- Standard Template Library(STL)
Java:- JavaFX GUI.
Web Development Languages :- HTML, CSS and JavaScript
Operating Sysytems used :- Windows-10, Linux-Ubuntu 18.04
IDEs used :- CodeBlocks, Sublime Text, PyCharm, Atom, Jupyter Notebook, Eclipse, Visual Studio Code and some others.
Others :
Database Management Systems , Data Preprocessing and Data Analysis, Web Scrapping

PROJECTS

Data Exchange in Heterogenous Sysytems(team project)- ongoing: The objective of this project is to experience the real world problem of data exchange in a automatic fashion between different generations of applications.So we are trying to prove

$$sin^2(x) + cos^2(x) = 1 \tag{1}$$

Here we consider three systems communicating the data.
Boston Housing Price Prediction: Applied Data Preprocessing, Visualization and Machine Learning techniques to create a Linear Regression model that would predict the house prices.
ML & AI Using Covid 19 Virus Data Analysis Workshop: Applied Data Preprocessing, Visualization and Machine Learning techniques to make the predictions how the cases will increase/decrease in the country.
Web Scrapper: Devaloped a Web Scrapper using python APIs that would scrap the reviews of a product from some commercial website. Store that in data using MongoDB and then display using frontend.

LEADERSHIP/INVOLVEMENT

-Member of ACM college club.
-Member of College and university Athletics team.
-Member of Organising team of the Manipal Marathon.
-Interviewed second year students for ACM club recruitments.
-Awarded with Best Athelete Award in Revels'19, the National Cultural and Sports Fest of MIT. And won many other medals in Athletics.
-Part time tutor for Secondary students.
-PMSSS, AICTE scholarship holder for graduation.