Sahil Saini Salaria

Mail: sahilsainisalaria@gmail.com
Github: github.com/Sahil1515
Contact: +91 9682663655
Address: Jammu, Jammu & Kashmir

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 Programming - Ineuron
Statistics for Data Science - Ineuron
Accessing web Data using Python - Coursera
Google Crash Course on Python - 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)
IT Constructs: - Data Structures and Algorithms
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 Pre-processing and Data Analysis, Web Scrapping

PROJECTS

Finland Labs and IIT Roorkee - ML & AI Using Covid 19 Virus Data Analysis Workshop: Applied Data Pre-processing, Visualization and Machine Learning techniques to make the predictions how the cases will increase/decrease in the country.
Web Scrapper: Developed a Web Scrapper using Python APIs to scrape the reviews of a product from some commercial website. Stored the data using MongoDB and then displayed it in the front-end.
Boston Housing Price Prediction: Applied Data Prepossessing,Data Visualization and Machine Learning techniques to create a Linear Regression model to predict the house prices in Boston,Massachusetts.
Data Exchange in Heterogeneous Systems(Collaborative 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 $sin^2(x) + cos^2(x) = 1$ Here we consider three systems communicating the data.

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 recruitment.
-Awarded with Best Athlete Award in Revels'19, the National Cultural and Sports Fest of MIT. Won many other medals in Athletics.
-Part time tutor for Secondary students.
-PMSSS, AICTE scholarship holder for graduation.