

# 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%

## INTERNSHIP

### **Backend Engineer** - FOLK Developers (Ongoing)

Working on Backend Development with Python and Google Cloud Platform. Working with GCP tools like Firebase , GCP Function.

## 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 that in data using MongoDB and then displayed it using front-end frameworks.

**Boston Housing Price Prediction:** Applied Data Preprocessing, 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 an 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.

## 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

**ML and AI using COVID-19 virus Data Analysis workshop** - Finland Labs

**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,  $\text{\LaTeX}$ , 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

**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

## 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.