SAHIL RAHMAN

srjordon414@gmail.com | (+91) 987-191-0884 |New Delhi, India
https://www.linkedin.com/in/sahilrahman/

Profile Summary

Looking for an opportunity to work as a Data Scientist, Machine Learning Engineer, Data Analyst or Software Developer. Possessing right and accurate skills at collecting, analyzing, interpreting large datasets and performing data management tasks. I firmly believe that knowledge and experience are the two significant factors that enhance an individual's ability. Under the guidance of the company's professionals, I can contribute to the company's success using my extensive analytical skills.

TECHNICAL SKILLS

Languages-
Python, Java, C/C++

Computer Skills:
Machine Learning, Natural Language Processing, SQL, Object Oriented Programming, Android Development, HTML/CSS, Computer Vision

MACHINE LEARNING

Regression
Support Vector Machines
Naïve Bayes
K-Nearest Neighbors
Decision Trees
Random Forest
Natural Language Processing
Neural Networks

ACADEMIC COURSES

Engineering Maths
Data Structures & Algo.
Operating System
Machine Learning
Artificial Intelligence
Computer Networking
Cloud Computing
Computer Graphics
Compiler Design
Software Engineering

EDUCATION

Galgotias University, Greater Noida
BTech Computer Science Engineering — CGPA 7.84 — **Pursuing (2017-2021)**

The Frank Anthony Public School (ICSE/ISC), New Delhi
Higher Secondary Education — Percentage 70.2 % — **March 2017**
Secondary Education — Percentage 72.2 % — **March 2015**

WORK EXPERIENCE & INTERNSHIPS

***Software Development Intern at eMoment India Pvt. Ltd.** **September-Present 2020**
Assisting the organization in developing web-applications and softwares for their website and managing the company's database server. The concept of Linux, PHP, Django, Bash, Git has to be carried out throughout the internship.

***Backend Developer Intern at Credence Analytics Pvt. Ltd.** **October-November 2020**
Assisting the organization to develop, customize, and host large Python applications. Implementing ERP solutions using ERPNext and working on AWS hosting and management.

***Data Science & Analysis Intern at The Sparks Foundation** **September-October 2020**
Collected crunched and analyzed data from various internal and external sources. Built machine and tune learning models to create linkages between multiple data to enable predictive modelling and trend analysis.

***Data Analyst Intern at Forsk Coding School** **August-September 2020**
Assisted the organization with the Client's live projects and deploy within the given frame of time. The concept of Data Analysis and Cloud computing has been carried out throughout the project.

***Python & Machine Learning Intern at Technex, IIT(BHU)** **August-September 2019**
Multiple Python and Machine Learning models have been introduced, which helped in developing a more apparent ideology about using the Machine Learning concepts in real life.

***Android Development Intern at Hewlett Packard Enterprise** **June-July 2018**
Learnt and understood different Android development frameworks and applied them to real-life projects. It was a profound experience in learning android in more depth.

ONLINE COURSES

Google:
Introduction to Data Studio

Google:
Google Analytics Individual Qualification

Great Learning:
Statistical methods for Decision Making

360DigiTMG:
Data Science Foundations using R

Google:
Android Enterprise Associate

HP (Hewlett Packard):
Presenting Data

Kaggle:
Pandas

University of Leeds:
Evidence and Data Collection for Problem Solving

PERSONAL SKILLS

Problem-solving
Adaptable
Goal Oriented
Time Management
Punctuality
Emotional Intelligence
Self-confidence
Receptiveness to Feedback
Detail Oriented

LANGUAGES

English, Hindi

PRESENTATIONS, CONFERENCES & PAPERS

- Sahil Rahman, (2020, June). **The Menace and Catastrophe of Artificial Intelligence in Future**. Abstract presented at the conference of the International Conference on Future Engineering (ICFE-2020), Mazedan International Research Academy, Dr. Rammanohar Lohia Avadh University, Ayodhya & Dr. Ambedkar Institute of Technology, Bengaluru.
- Sahil Rahman, (2020, June). **Elucidation and Dominance of Hypothesis Analogies in Data Science**. Paper presented at the conference of the 1st International E-CONFERENCE on Research Essential in Machine Learning and Computational Intelligence - ECREMLACI2020, SRM Institute of Science & Technology, Ramapuram, Tamil Nadu., India.
- Sahil Rahman, (2020, June). **Elucidation and Dominance of Hypothesis Analogies in Data Science**. Paper presented at the conference of the 1st Online International Conference on Advances in Computing, Communication and Control, IIMT University, Meerut, U.P., India.
- Sahil Rahman, (2020, May). **Thoracic Imaging using Artificial Intelligence**. Paper presented at the conference of the 1st Online International Conference on Rebuilding Bharat With Artificial Intelligence Interventions After Covid-19 Pandemic: Opportunity and Challenges (A2ICP:2020), Gautam Buddha Nagar, Greater Noida, U.P., India.

PUBLICATIONS

- Sahil Rahman, (2020, September). Elucidation and Dominance of Hypothesis Analogies in Data Science, Volume 8, Issue IX, International Journal for Research in Applied Science and Engineering Technology (IJRASET) pp. 539-548, ISSN: 2321-9653.
  < https://www.ijraset.com/archive-detail.php?AID=111>
- Sahil Rahman, (2020, July). The Menace and Catastrophe of Artificial Intelligence in Future. 'International Conference on Future Engineering – ICFE2020', Mazedan International Research Academy, Oğuzlar Street, Yenimahalle, Ankara- 06170, Turkey, 26-27 June, pp. 60.
  < https://mazedan.com//mdl/uploads/ICFE-Proceedings.pdf>
- Sahil Rahman, (2020, June). Elucidation and Dominance of Hypothesis Analogies in Data Science. '1st International E-CONFERENCE on Research Essential in Machine Learning and Computational Intelligence - ECREMLACI2020', SRM Institute of Science & Technology, Ramapuram, Tamil Nadu., India, 24-25 June, pp. 11.
  < https://drive.google.com/file/d/1JBfDRAJHXEc-xZ2njqXyXSURa5SIhAJO/view >

PROJECTS

Terrorism Analysis with Insights

Python, Pandas, Time, Webbrowser, Dash, Plotly, Bootstrap

- Used **Python** as a primary programming language for the development and EDA.
- Used **Dash** for the deployment of the application on the local server and to perform data visualization.
- Used **Bootstrap** for styling purpose.

PYTHON LIBRARIES

Pandas, Numpy, Matplotlib, Seaborn, ScaPy, ScikitLearn, Regex, Pandas Profiling, Chatbot, OpenCV, Keras, PyTorch, Tensorflow

DATA SCIENCE

Data Wrangling, Data Analyzing, Data Pre-processing, Feature Engineering

WEB-SCRAPPING

BeautifulSoup, Requests, lxml, Data Crawling

AUTOMATION-FRAMEWORK

Selenium, PyAutoGUI

WEB-FRAMEWORK

Django, Dash

Price Prediction of Used Cars (Predictive Analysis)

Python, Numpy, Pandas, Scikit Learn, Seaborn, Matplotlib

- Performed the Data Preprocessing on the dataset.
- Converted the categorical features into numerical using **pandas.get_dummies()**.
- Performed the Feature Engineering on the dataset and found out that **Feature Importance** perform well among Univariate Selection and Correlation Selection.
- **RandomForestRegressor** technique has been used to perform the training.
- Regressor performs well with an accuracy of 92.2%.

Face Detection and Face Recognition

Python, Numpy, Face_Regognition, Skimage, Scipy, Matplotlib, OpenCV

- Converted the image into BGR format using **OpenCV**.
- Detected faces using **face_recognition.face_locations()**.
- Performed **face encoding** to training the model with the images.
- The model uses **Euclidean distance** to recognize the faces in the images.

Loan Approval Analysis

Python, Numpy, Matplotlib, Pandas

- Done the **Data Processing** on the raw dataset to get the most meaning out of it.
- Performed the analysis to whom to provide the loan and whom not to, based on the various affecting factors/features.
- Analyzed the percentage of loan approved based on a person's employment type and the number of applicants having loan amount term greater than or equal to 25 years.
- Finally, analysed the average income of an applicant and the average loan given to a person based on their income

Data Analysis using Web-Scrapping

Python, BeautifulSoup, Requests, lxml, Pandas

- Used **Requests()** to get the URL of the desired page.
- Used **BeautifulSoup()** to target all the required elements from the HTML tags.
- Finally, formed a dataframe using **Pandas** to make a dataset containing scrapped data.

POSITION OF RESPONSIBILTIES & EXTRA CO-CURRICULAR ACTIVITIES

- **Winner of GDG DevFest India 2020 Web Track Day-2**, Google Developer Group
- **Wipro Student Placement Coordinator**, Career Planning and Development Division (CPDD), Galgotias University
- **Student Entrepreneurship-Cell Coordinator**, Entrepreneurship Development Cell (EDC), Galgotias University
- **Student Placement Coordinator**, Career Planning and Development Division (CPDD), Galgotias University
- **Class Representative** for Batch 2018-20, Galgotias University