Muhammad Sahil
Computer Engineer

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https://github.com/Sahilgul

Soft Skills

Problem-solving, Team player

Take ownership, leadership,

Implement best practices

Skills

C/C#/C++, Python, MATLAB, Bash
HTML5/CSS3/JavaScript
Machine Learning, Deep Learning, nlp
Image Processing, Computer Vision, IoT

ML-DL Libraries

Numpy, Pandas, Scikit Learn, TensorFlow,
Seaborn, Matplotlib, OpenCV

Data Models, Data Modeling,
Data Quality, Analytics

Algorithms: kNN, Gradient Decent,
Decision Tree, Random Forest

Tools

Anaconda Jupyter Notebooks
Spyder, Google Colab
Pycharm, VS Code
Flask, SQL, MS Excel
Heroku Frameworks, Linux

Interest

Machine Learning Algorithms, Image

Processing, Cricket, Current Affairs,

Mathematical skills

Awards

PEEF Scholarship on Merit Base (2017)

Ehsaas Scholarship (2020)

NGIRI IGNITE Funding for FYP   (2021)

Summary

- 0.5 years of Experience of building personal project as a Machine Learning & Natural Language Processing.
- Hands On Experience & Knowledge in Python Programming & Computer Science with Code Debugging & libraries such as **Sklearn**, **Numpy**, **Pandas**, **Matplotlib** and **Seaborn** using tools like – **Spyder**, **Jupyter Notebook**, **VS Code**.

- Experience of Deploying End to End Project using **HTML/CSS/JAVASCRIPT, Flask Framework** & Heroku.

Education

2017-2021
Bachelor in Computer Engineering   **CGPA: 3.30/4.0**
Khwaja Fareed University of Engineering & Information Technology
Rahim Yar Khan

2015-2017
FSc Pre-Engineering   **Marks: 835/1100**
Govt Higher Secondary School, Chani Goth, Ahmedpur East

Projects

Movies Recommendation System   June 2022 - Present
Information Retrieval, Data processing using **Numpy** and **Pandas**, Data Vectorization. Back-end, Server-side by using **Flask App**, Front-End using **HTML, CSS & JavaScript, TMDB** APIs and Deployment on **Heroku**

Property Price Prediction   April 2022 - May 2022
Data Preprocessing, Feature Engineering, Datasets Dimensionality Reduction, Outlier Removal, Model Building and End-to-End Deployment using **Flask Server/HTML/CSS/JAVASCRIPT**

Final Year Project   May 2021 - June 2021
IoT Based Cattle Health Monitoring Device

Deployed Projects

I.   **Movies Recommender System**
     https://movies-recomender-system.herokuapp.com/

II. **Property Price Prediction**
     https://real-estateprediction.herokuapp.com/

Experience

Internship   Sep 2020 - Aug 2021
Devicon Software House, Rahim Yar Khan

IoT Engineer Intern   June 2021-Aug 2021
- IoT Internee at Devicon Software House, Rahim Yar Khan
- Hardware Project Internee
- Building Automation Engineer Internee

Course
- A-2-Z Hands-on Machine Learning Course (Udemy)