SYED RAYYAN ADIL
Data Scientist

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PROFILE

Highly motivated and a problem solver with analytical and great communication skills. Possess a strong background of mathematics and statistics and looking to emerge as a Data Scientist. My portfolio includes successfully delivered ML and DL projects that earned me invaluable experience and learning opportunities that polished my skills. I aim to foster my expertise in the area of AI to bring out the best to benefit myself and the organization at large.

EDUCATION

Fast -National University Of Computer And Emerging Sciences   Karachi, Pakistan
Bachelor of Science in Computer Science   *August. 2017 – June 2021*

TECHNICAL SKILLS

Languages: Python, C/C++, SQL, C#, Dart, PHP, Java
Libraries & Frameworks: Pandas, NumPy, Matplotlib, Seaborn, Sci-kit learn, OpenCV, Laravel, Flutter, Spring Boot
Developer Tools: Git, Excel, PyCharm, Google Colaboratory, Eclipse, VS Code, Postman
Skills: Data Cleaning, Data Visualization, Data Analytics, Supervised Learning (Regression, Classification), Unsupervised Learning (Clustering), Deep Learning (CNN, RNN, LSTM, Auto Encoders, YOLO), Problem Solving

EXPERIENCE

GoodCore Software   Karachi, Pakistan
Software Developer   *July 2021 - Present*
- Assisted in making APIs in Java SpringBoot framework.
- Made API in PHP Laravel framework.

VeriPark   Karachi, Pakistan
.NET Developer Intern   *March 2021 – May 2021*
- MVC .NET application for employee and project assignments, using 3-Tier Architecture concept.
- SQL used for database

Love For Data   Karachi, Pakistan
Python Developer Intern   *October 2020 – November 2020*
- Design and developed a Web App for Candidate's Assessment Test.
- Django, HTML, CSS, Bootstrap as Front end, Python as Backend and MySQL as Database

The DSurf   Karachi, Pakistan
Android Developer-Flutter   *March 2020 – June 2020*
- Designed and developed a Budgeting App on Flutter for a startup, named Finlite.
- The App consists of 50 55 Screens.

PROJECTS

Smart Video Surveillance System (FYP) | *Computer Vision, CNN, YOLO, Python, Google Colab, Pycharm*
- The Project emphasize on making the passive CCTVs into active by start recording the situation when the theft (with gun) detects, includes Gun detection, Face Recognition, Human Detection and Age Classification.

Content Based Movie Recommender System | *Python, Pandas, Numpy, Sklearn, Nltk*
- Designed a Movie recommender system which includes Text Vectorization (Bag of Words) and cosine distance or cosine similarity.
- It recommends top 5 movies related to the one that is provided.

Collaborative Clustering Book Recommender System | *Python, Pandas, Numpy, Sklearn, Scipi*
- A Book recommender system which includes two approaches to recommend a book Nearest Neighbor and Pearson Correlation
- It recommends top 10 books related to the one that is provided.

Customer Segmentation | *Python, Pandas, Numpy, Seaborn, Matplotlib, Sklearn*
- A Customer Segmentation system which uses clustering algorithm (i.e., K-Means)
- Clusters were made in two dimensional as well as three dimensional as visualized for more than 3 labels.

Life Expectancy at Birth | *Python, Pandas, Sklearn*
- Predict the Life expectancy at birth for the upcoming year i.e., 2020.

Facial Expression Recognition | *Computer Vision, CNN, Deep Learning, Python*
- Detect the Human face Expression having 7 classes.

What's Cooking? | *Machine Learning, Python, Jupyter, Tkinter*
- Predict the type of a cuisine from the list of ingredients in a recipe, using ML Algorithms.
- Algorithms used: Logistic Regression, KNN, Naïve Bayes, Random Forest.

Library Management System | *Flutter, Android, Dart, C#, API*
- Consumed API created on C#.
- Options included, read, search, add, create, update, delete, manage admin and student accounts.

FAMINAC | *Android, Java, Firebase*
- A Mechanic Booking Android App that allows user to call a mechanic anytime anywhere.

MEDI-HOC | *Android, Flutter, Dart, Firebase*
- Automate the Patients and Doctors at one platform. Doctors can view history & add record of current diagnosis of patient which in future can be useful for other treatments.

Blood Bank Management System | *C++*
- Using the concept of OOP, a basic Blood bank management was designed.

ACHIEVEMENT AND CERTIFICATIONS

- Vice President PROCOM 2020-2021, Annual flagship event held at FAST-NUCES, Karachi
- IBM data science professional certificate – *Coursera*
- Flutter development bootcamp with dart – *Udemy*

- Deep learning specialization (in progress) – *Coursera*
- Cleaning data in python – *Datacamp*

INTERESTS

- Badminton
- Technology
- Travelling
- Movies