Sundus **Aijaz**

ML Engineer/Python Developer

Karachi, Pakistan

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Work Experience

Lyftrondata   *Karachi, Pakistan*

Software Engineer   *Oct'21 - Present*

- Build scalable databases capable of ETL processes using SQL and Spark.
- Evaluate and test the workflow of different data pipelines.
- Confirm all implemented solutions are unit tested and ready to be integrated.
- Participate in a collaborative, agile environment to understand stakeholders requirements.

Evap   *Karachi, Pakistan*

Python Developer   *July'21 - Oct'21*

- Scrape data using scrapy from different Electric car rental websites.
- Worked on OCPP (Open Charge Point Protocol) for communication between electric vehicle and its management system and implement it in Django framework.

Xehen.ai   *Karachi, Pakistan*

AI Engineer   *July'20 - May'21*

- Worked on attendance system for school using Dlib facial recognition library and ensemble learning (including KNN, CNN, VGG, SVM and RF).
- Worked on 96 dogs breed classification using landmarks detection and yolov3 for breed classification.
- Scrape data from various websites like Avanade, L'Oreal, 3m, Deloitte and various others using BeautifulSoap and selenium.

Projects

Freelance Projects

Machine Learning and Deep Learning Projects

- Faults classification using CNN(ResNet50V2) Transfer Learning and detecting objects via MobileNet obj detection model.
- Multi-Class Classification through RandomForest and using GridSearchCV to optimize model's performance.
- Worked on a Hotel's demand prediction project including MLOps

SPY-EYE

Final Year Projects

- Spy-eye is a surveillance system built on python using YOLOv3, OpenCV, and face recognition library, that recognize faces and detect guns and knives and unusual activity (fight recognition) on a real-time camera feed.

Education

Sir Syed University of Engineering and Technology   *Karachi, Pakistan*

B.S. in Software Engineering   *Jan'17 - March'21*

- Silver Medalist - 3.70 CGPA

National University of Computer and Emerging Sciences (Fast)   *Karachi, Pakistan*

Masters in Data Science   *Aug'22 - Present*

- Major in Machine Learning

Skills

- **ML Frameworks and Libraries** TensorFlow, Keras, Sklearn, Nltk,Numpy, Pandas, Matplotlib, Seaborn, PowerBI, Tableau
- **Web Scraping** BeautifulSoap, Scrapy, Selenium.
- **BackEnd Development and databases** Flask, Django, Snowflake, SQL, PostgreSQL, MongoDB

Honors

2019	**Ai Certification**, Presidential Initiative for Artificial Intelligence and Computing (PIAIC)	*Karachi, Pakistan*
2019	**Microsoft Certified**, Exam98-381: Introduction to Programming Using Python	*Karachi, Pakistan*
2020	**Tensorflow Certification**, Tensorflow Developer - Professional Certification DeepLearning.ai (coursera.org)	*Karachi, Pakistan*