

Zulqarnain Hiader

Data Analyst



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EDUCATION

2019 – CURRENT	BS(Computer science) Computer science <i>FAST(NUCES)</i>
2016-2018	F.sc(pre-engineering) Engineering <i>Punjab college, Gujrat</i>
2014-2016	Matric Science <i>Government high school Machhiwal, Gujrat</i>

SKILLS

EXPERT:	SQL,T-SQL,Python,Pandas,Numpy,MS Excel,Keras
INTERMEDIATE:	Javascript,C++,HTML,CSS,MATLAB,Vue.js
BEGINNER:	Machine Learning,SciKit-Learn, PostgreSQL

CONFERENCE AND ONLINE COURSE

7TH - 10TH SEPTEMBER 2020 (ONLINE)
British Machine Vision Conference(BMVC 2020)

JAN 06-APR 06, 2022 (EDX.COM)
Text Analytics 2: Visualizing Natural Language Processing

APR 16 -MAY 16, 2022 (EDX.COM)
Machine Learning with Python-From Linear Models to Deep Learning

MARCH 07 -MAY 07, 2022 (EDX.COM)
Google AI for JavaScript Developers with TensorFlow.js

AWARDS

Gold Medalist
In the computer science department,got a gold medal for the year 2019.

HOBBIES

Programming
script writing
Research with deep learning
Book reading

PROJECTS

CURRENT, FROM MARCH 2022 (UNIVERSITY PROJECT)
Analysis of No2 using Pandas from openaq

The primary goal of this project is to get an excel or csv file from the openaq website. After retrieving the data set from openaq, pandas analyses the data for weekly increases in No2. Finally, it will visualise the data Frame on a weekly basis using matplotlib and panads.

AUG 2021 – DEC 2021 (UNIVERSITY PROJECT)
Property Management System using MYSQL

This is a web-based application. The main goal of this project is to show nearby properties in a specific location. For that, I use MYSQL, PHP, HTML, and CSS. Creating SQL triggers and views to automated database system updates. Buyers can also inspect properties within a certain price range.

MARCH 2022 – APRIL 2022 (SELF - LEARNING)
Fine Tuning the OpenAI with Python

It's a lot of fun and learning to fine-tune the GPT-3 model for natural language processing. Basically, this will provide the top three animal names (For cats,dogs,and more) In this project, I'm using OpenAI to create content in Python. I use a JSON file for precise tuning and feed the data set to a neutral network.

MAY 2021 – AUG 2022 (SELF - LEARNING)
Using openpyxl to update excel file

I did this project last summer to acquire new skills and solve a real-world problem. This is a finished project with an Exe file built using Pyinstaller that you may run. It will update the excel file in the current directory and generate JSON for web mapping based on the supplied specifications.

MARCH 2021 – MAY 2021 (UNIVERSITY PROJECT)
Django-based pizza hut website

For a little pizza restaurant, a well-organized and user-friendly Django-based website was created. The front-end is built with Vue.js, while the back-end is built with Django.This is a little website where users may place orders for pizza that is currently available. It will send an email to the user and to the admin database after the details have been entered.

LANGUAGES

Urdu(Proficient/Fluent)
English(Intermediate)
Punjabi(Proficient/Fluent)