OMER JAVED

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I am Python Developer and aspiring Data Scientist. I love to tinker/experiment with new technologies in my spare time. I done my final year project on Recommender System. I also have interests in pentesting web applications. I've spent quite some time in learning web vulnerabilities.Apart from that I also do photography and play badminton.

ACADEMIC PROJECTS

- **Recommender System for E-commerce Store - June 2019**

We have build a website in python web framework Django, Scrape data from different websites to fill our E-commerce store, We have put different Recommendation Engines in our Store like Item to Item Collaborative Filtering RS, Popularity RS,Content-Based RS.

Live at http://ecommercefyp.herokuapp.com

- **E-commerce Store in PHP - Feb 2018**

I have developed a small E-Commerce store for my semester assignment, I have used Bootstrap for front end of website and for back end I have used PHP, there are two dashboards for regular user and for admin. Admin can add new product, new categories of product, edit/delete product. Back end is connected to SQL database. New user can create login and start buying thing.

- **DBMS for a Hardware Store - Dec 2017**

Developed a database management system for hardware store in 5th semester. Front end is build using Java Netbeans IDE and back-end is in MS SQL 2016, it has functionalities of adding items, remove items, change price of any item, in reports it has functionalities: monthly profit, which is sold most, which customer has pending credit, which customer is buying most, notification if quantity is below 10 of any item.

- **Build a game controller using Arduino (micro controller).**

A simple game was built in Scratch and burn on Arduino by using S4A (Scratch firmware) and it was controlled by buttons placed on breadboard connected to micro controller.it was semester project for Digital Logic Design

ACADEMIC MACHINE LEARNING PROJECTS

- **Titanic survival prediction**
  Predict the survival of passenger on bases of their class, gender, age.
- **Boston House price prediction**
  Predict price of house in Boston on bases of its rooms, baths, area, location.
- **Wine Quality prediction**
  Predict wine Quality on bases of its ingredient quantity.
- **Author profiling on twitter dataset using NLP.**
  Used Stylometric approach to classify gender of the author of a tweets.

PUBLICATIONS

- **Bots and Gender Prediction Using Language Independent Stylometry-based Approach**
  September 2019
  CEUR-WS.org

  http://ceur-ws.org/Vol-2380/paper_191.pdf

SKILLS

- Python
- Django (Web Framework)
- Scrapy (Web Scraping)
- Pandas (pre-processing)
- Machine Learning
- Natural Language Processing
- Database MSSQL / MYSQL
- Seaborn, Matplotlib (visualization)
- Neo4j
- protégé

- Html / Css / Bootstrap
- CI / CD
- PHP
- Web Security / Web Pentesting
- Java
- Git / Version Control
- Linux OS
- Windows OS
- MS Office

CERTIFICATIONS

- **Machine Learning with Python by IBM on Coursera - Coursera**
  Certificate earned at Thursday, August 15, 2019
  www.coursera.org/account/accomplishments/certificate/478BBP7YNB8Q

- **Applied Data Science - Majestic Technologix**
  Certificate earned in June 2018
  majestictechnologix.com

- **Automate the Boring Stuff with Python Programming - Udemy**
  Certificate earned in January 2019
  www.udemy.com/certificate/UC-Q4DCB31A

EDUCATION

AUGUST 2019 - JUNE 2021

MASTERS (MASTER's IN DATA SCIENCE),

FAST NUCES, LAHORE CAMPUS, PAKISTAN

(continue)

SEPTEMBER 2015 - JULY 2019

BACHELORS (BACHELOR's IN COMPUTER SCIENCE),

COMSATS UNIVERSITY ISLAMABAD, LAHORE CAMPUS, PAKISTAN

GPA: 3.25 Out of 4

SEPTEMBER 2013 - JULY 2015

INTERMEDIATE (INTERMEDIATE IN COMPUTER SCIENCE),

PUNJAB COLLEGE OF INFORMATION TECHNOLOGY (PCIT), LAHORE, PAKISTAN

JUNE 2013

MATRICULATION (MATRICULATION),

THE EDUCATORS, LAHORE, PAKISTAN

Percent: 76%

LANGUAGES

- ENGLISH –
- URDU – NATIVE LANGUAGE
- PUNJABI

HOBBIES

- BADMINTON
- SWIMMING
- PHOTOGRAPHY
- GAMING