MANAL ZEHRA

CONTACT INFO

Gmail: manalzehra122@gmail.com

Phone: 0309 5309880

Linkedn:
https://www.linkedin.com/in/manal-zehra-01976a171

Address: House #81, Lane #4, Harley Street, Rawalpindi

CORE COMPETENCIES

- Programming in Python, Java, C, C++
- Relational Database systems
- Software Product Engineering
- Project Management
- Microsoft Office
- Google Mail
- Technical Writing
- Proactive, initiative, creative and engaged

INTERESTS

- Artificial Intelligence
- Machine Learning and training complex models and intgrating parallel computing concepts
- Web Development
- Learning New Technologies
- Advancements in Computational Biology

LANGUAGES

- URDU – native language
- ENGLISH - full professional proficiency
- Turkish - Beginner Level

PROFESSIONAL SUMMARY

An enthusiastic and goal-oriented personality with core interest in application development and to acquire new skills over time which would enable me to effectively contribute my skills and abilities to the growth of an organization.

PROJECTS AND EXPERIENCE

Street Fighter GameBot
Python
- prerequisites BIZHAWK emulator with AI
- implement fight function
- generate a dataset by playing single player, train a Machine Learning Model

Food Donation Application
Sahara- Java and JavaFX, SQL
- Grasp design pattern, Business Logic done in Java
- UI done in JavaFx, Backend in Sql Server
- Donation handling , seperate modules and interfaces

Data Compression Project
Huffman Encoding - C++
- .Priority queue maintaining current set of trees ordered by their frequencies, Compression ratio calculation
- Traversal of optimal Huffman tree to generate the code

Hospital Management System
OlaDoc - C++, OOP Concepts
- Patient and Doctor Management Module
- Login and Registration Module

GDSC FAST Coordinator   2021-NOW
Google Developer Student Club –FAST
- GDSC Co-ordinator of TechBuzz
- Officer in GDSC Team Research and Planning
- Officer in Nascon Carnival Planning
- Officer of Team Seminars in Women In Tech (WIT) Content Team and Operation Team Officer of Vasl-e-Tasavvur, Mega Event of NaScon FAST Islamabad
- Team Officer Of Parwaz-e-takkhayul, Event of GDSC

NUST Summer School on Artifical Intelligence
- Course Certifiction - NCAI
- Winner of Bot Summo Wrestling competition

Head of the Literary Boulevard IYLO   2018
ROOTS IVY International
Managed, hosted and invited judges

EDUCATION

BACHELOR IN COMPUTER SCIENCE – FAST   2020 - ONGOING
Courses
- Artificial Intelligence
- Software Engineering
- Web Programming
- Data Structures
- Operating Systems
- Parralel and Distributed Computing
- Design and Analysis of Algorithms
- Programming Fundamentals
- Object Oriented Programming
- Marketing

A'LEVELS – ROOTS IVY INTERNATIONAL   2018-2020
- Grades: 1 A and 2 B's - GCE A-levels in Mathematics, Computers, and Physics (on scholarship)
- WWF Community Service Intern (June 2018)

O'LEVELS - SILVER OAKS SCHOOLS   2016-2018
- 4 A*s, 4 As - IGCSE in Sciences (on scholarship)
- Head of School Magazine Editorial Board (2017)
- Head Girl (2017-2018)