Mariam khan
mariamkhan0424@gmail.com
Bachelors in Computer Science (undergraduate)

OBJECTIVE: A highly motivated and ambitious undergraduate student with a strong foundation in computer science. Seeking opportunities to apply and expand my knowledge in web development and programming. Committed to achieving excellence in my field, I am looking for opportunities to widen my learning experience that will challenge and inspire me.

ACADEMICS:
QUALIFICATIONS:

-Bachelors in Computer Science
 University of Karachi (UBIT) - 2022 - 2025 (Expected)
 Semester: 6th (3rd year) CGPA: 3.66
-Intermediate (HSC)
 Bahria College Karsaz, Karachi - (2019 - 2021)
 Percentage: 95.73% (Computer Science)
-Matriculation (SSC)
 Junipers Academy School - 2019(Passout)
 Percentage: 86.5% (Computer Science)

ACADEMIC PROJECTS:

PERSONAL PROJECTS:

 Amazon Clone:
The clone of Amazon's website was built using only HTML and CSS. This project demonstrates my skills in layout techniques such as Grid and Flexbox. I have also integrated Font Awesome for icons to enhance the visual appeal. https://github.com/mariamkhan04/Amazon-clone-html-css.git

Student Library
Developed a Python-based library management system enabling users to borrow and return books, track inventory, and manage book availability through a user-friendly interface. Implemented features include listing all available books, handling borrow/return requests, and ensuring smooth operation with interactive prompts.

Image Resizer
Created a Python tool using OpenCV to resize images efficiently, allowing users to scale images by a specified percentage. The application reads an input image, calculates the new dimensions, resizes the image, and saves the output, demonstrating proficiency in image processing and file handling.

Jarvis AI Voice Assistant
Developed a Python-based AI voice assistant named Jarvis that performs tasks such as web searches, opening applications, and sending emails through voice commands. Utilizes libraries like pyttsx3 for text-to-speech, SpeechRecognition for voice input, and integrates with Wikipedia, web browsers, and email servers to provide a seamless user experience.
https://github.com/mariamkhan04/PYTHON-PROJECTS.git

University Group Projects:
-Base Conversion System (Assembly Language)

Developed a base conversion system capable of converting between decimal, binary, and other numeral systems using Assembly Language.

-AI-Generated Wedding Planning Application (Software Engineering and Project Management)

Proposed an AI-powered wedding planning app using Miro for UI design and MS Project for management, addressing planning challenges in the Pakistani market.

-Heart Disease Prediction System (Artificial Intelligence)

Developed a heart disease prediction model using Python, pandas, sklearn, and Flask, with logistic regression as the algorithm. The project utilized the UCI heart disease dataset, selecting 14 attributes for prediction. Data preprocessing included cleaning, handling missing values, and splitting the dataset for training and testing. The model aims to predict the presence of cardiovascular disease with improved accuracy.

TECHNICAL SKILLS:
1. **Programming Languages:**
   - HTML5
   - CSS3
   - JavaScript
   - Python
   - C (DSA)
   - Java (OOP)
   - Assembly
   - SQL
2. **Web Development Tools:**
   - Visual Studio Code
3. **Version Control:**
   - Git

SOFT SKILLS:
1. **Problem Solving and Critical Thinking**
2. **Teamwork and Collaboration**
3. **Written and Oral Communication**

EXPERIENCE: Virtual Internship at CODSOFT as a Web Developer.

ACHIEVEMENTS:
Gold Medalist: Secured 3rd position in Computer Science in Karachi (HSC Part 2) and received a gold medal.
Top Performer: Achieved the highest percentage in Matriculation at Junipers Academy School.

CERTIFICATIONS:

S#	NAME OF CERTIFICATION	FROM WHERE
1	Currently Enrolled in Front-End Development Course	COURSERA
2	HTML, CSS, JavaScript for Web Developers	The Digital Adda
3	Devtown Certificate of Participation (Front-End Bootcamp)	Devtown
4	Introduction to JavaScript	Great Learning Academy
5	Excel for Beginners	Great Learning Academy
6	HTML in Hindi	Great Learning Academy
7	Python Fundamentals for Beginners	Great Learning Academy