MAHRUKH KASHAN

COMPUTER SCIENTIST

CONTACT

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📍 Lahore, Pakistan

LINKS

Youtube   LinkedIn

Github

SKILLS

- Programming Languages: Python, C#, C++, HTML, CSS
- Frameworks/Tools: .NET, SaaS, Gatsby
- Data Science & AI: Machine Learning, Deep Learning
- Software Development: SRS, SDD, Final Reports
- Tools & Technologies: PyCharm, Visual Studio Code, SQL Server Management Studio, Overleaf, Microsoft Office
- Version Control: GitHub, GitLab
- Other Skills: Research Paper Writing, Technical Documentation

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EDUCATION

B.Sc. Computer Science

University of Engineering and Technology (UET), Lahore

2022-2026 (expected)

Relevant Courses:

- **Artificial Intelligence & Data Science:** Machine Learning, Generative AI
- **Software & Systems:** Software Engineering, Database Management Systems, Object-Oriented Programming
- **Security & Computing**: Information Security, Cloud Computing, Parallel & Distributed Computing
- **Mathematical & Algorithmic Foundations:** Graph Theory, Design and Analysis of Algorithms, Data Structures
- **Business & Management:** Management Information Systems, Technical Writing & Communication Skills

PROFILE

Computer Science student at UET Lahore with a strong foundation in programming, machine learning, web development, and software development. I have worked on various projects utilizing AI assistance, but I possess in-depth knowledge of each component and understand how every aspect was implemented. Seeking a job to apply my skills in real-world projects and gain industry experience.

WORK EXPERIENCE

Project Collaborator & Technical Writer

- Produced comprehensive documentation for projects, including setup, functionality, and usage guides.
- Collaborated with classmates on various group projects, playing a key role in planning, execution, and delivery.
- Developed user guides and technical documentation to ensure clarity and usability.

Projects

Sleep and Health Analysis Using Machine Learning (ML Project)

- Authored a conference paper on sleep and health analysis using ML techniques.
- Conducted data preprocessing, feature engineering, and model training to predict sleep quality.
- Evaluated various machine learning models for optimal performance.

Generative AI Impact on University Students (Data Science)

- Explored how generative AI influences students' academic and personal growth.
- Conducted data-driven analysis and presented findings with visualizations.
- Applied data science methodologies for research-based insights.

Event Management System (Software Engineering Project)

- Developed an event management system using SDLC phases.
- Wrote multiple documentation reports, including SRS, SDD, Testing Reports, and Final Project Report.
- Implemented key functionalities for event creation, booking, and user management.

Web Scraping and Books Management System (Python)

- Implemented a web scraping application to extract book data from online sources.
- Utilized sorting and searching algorithms for efficient data organization.
- Developed a user-friendly interface for book browsing and management.

Hotel Management System (Python)

- Built a hotel management system with features like room booking, guest management, and billing.
- Applied advanced data structures and algorithms for seamless operations.

Cars Inventory Management System (C# .NET Project)

- Created an inventory management system for a car dealership.
- Designed and implemented a relational database schema for managing inventory data.
- Developed an interactive user interface with sales tracking and reporting functionalities.