HABIB UR REHMAN

COMPUTER SCIENCE STUDENT | DATA SCIENCE FOCUS

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Profile

BS Computer Science student at COMSATS University with expertise in Python, SQL, C++ and Java. Developed DataNexus, a data visualization tool that processed 500+ student records to uncover performance trends using Python (NumPy, Matplotlib, Seaborn). Passionate about applying machine learning and statistical modeling to solve real-world problems and actively advancing SQL, Python, and Problem Solving skills via HackerRank challenges. Eager to explore more tools and technologies to strengthen my core computer science and problem solving skills.

Education

Bachelors of Science in Computer Science (2023 - 2027)

COMSATS University Islamabad, Sahiwal Campus

CGPA: 3.95
Relevant Courses:
   Object Oriented Programming
   Data Structures
   Database Systems

Certifications and Skills

Technical:
   Problem Solving (*Basic*)**:** HackerRank Certificate
   Python (*Basic*)**:** HackerRank Certificate
   SQL (*Basic*)**:** HackerRank Certificate
   Git and Github
Soft:
   Communication and Presentation
   Team Collaboration

Projects

Marble Factory Management System (*Team Environment*)
Developed a Java and SQL-based system to digitize operations for a marble factory, replacing manual processes with automated solutions for order management, inventory tracking, and customer/supplier records. Integrated an accounting module (khata system) to streamline financial transactions and reporting. The system reduced processing errors by 60% and improved operational efficiency through centralized data management and automated analytics.

DataNexus (*Team Environment*)
Designed and implemented a result-based data analysis tool for COMSATS University Islamabad using Python, Matplotlib, Seaborn and Numpy. The system processes semester result to generate insights such as student performance trends, GPA distribution, and batch-wise comparisons. It supports efficient data visualization and enables decision-making through statistics.

Profiles

Github

HackerRank

LinkedIn