Maaz Hassan

Cybersecurity and Data Enthusiast

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PROFESSIONAL SUMMARIES

Computer Science graduate with a strong foundation in data science, machine learning, analytics, and cybersecurity. Skilled in Python, SQL, and data visualization, with hands-on experience in secure systems and information security best practices. Google and Cisco certified, passionate about applying analytical and technical expertise to AI-driven and secure computing solutions.

EXPERIENCE

Database Intern   Sep '24 — Oct '24
Ilma University   Karachi, Pakistan
- Assisted in managing and maintaining student and academic databases.
- Performed data entry, query optimization, and regular backups.
- Supported the team in maintaining database integrity and access control.

PROJECTS

Wireless Charging System for Electric Vehicles (IoT + ML) , Salim Habib University   Feb '25 — Jan '26
Karachi
- Arduino | Sensors | Python | IoT | Machine Learning
- Developed an IoT-based smart charging platform enabling efficient wireless energy transfer.
- Integrated ML models for predictive energy optimization and charge scheduling.
- Applied sensor-based monitoring for temperature, distance, and efficiency control.

Smart Agriculture System (IoT + ML) , Salim Habib University   Feb '25 — Jun '25
Karachi, Pakistan
- NodeMCU | Sensors | Python | Machine Learning
- Built an intelligent irrigation system that monitors soil moisture, humidity, and temperature.
- Trained ML models to forecast irrigation needs and automate water control.
- Visualized sensor data and predictions through a web dashboard.

EDUCATION

Bachelor in Computer Science, Salim Habib University   Nov '21 — Jan '26
Karachi, Pakistan
- Computer Science Graduate with strong foundations in Data Science, Machine Learning, and Cybersecurity
- Hands-on experience with secure systems, threat awareness, and information security best practice

SKILLS

Top Skills   Cybersecurity, Product Design, Product Management, Network Security, Information Security
Soft Skills   Core Analysis, Communication Skills, Teamwork, Research, Problem Solving
Language Proficiency   Urdu (Native), English (Professional Working Proficiency), German (Basic)

CERTIFICATIONS

Introduction to Cybersecurity, Cisco   May '26
Google Cybersecurity, Coursera   Jul '25