



Hajra Bibi

Computer Science Student

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Namal University Mianwali, Mianwali,
Pakistan

Enthusiastic learner with a growing interest in Cybersecurity, Machine Learning, and Development. Curious and open to exploring new technologies and improving through hands-on experience. Passionate about learning through real-world challenges, with a strong focus on building secure, efficient, and user-centered applications.

EDUCATION

Bachelor of Computer Science Namal University Minawali

10/2021 - Present

Courses

- OOP
- Database Management Systems
- Information Security
- Digital Logic Design
- Quantitative & Computational Reasoning
- Data Structures
- Machine Learning
- Data Analysis and Visualization
- Operating Systems
- Computer Networks

PERSONAL PROJECTS

Open-Source SIEM for Enhanced Security using Wazuh and its Components (04/2024 - 07/2024)

- Developed an open-source SIEM solution using Wazuh, integrating agents, log analysis, Suricata, and VirusTotal for threat detection and compliance monitoring across Windows and Ubuntu devices.

Data Generation and Architecture Design for the Classification of Urdu Text (05/2024 - 07/2024)

- Created a Python tool to generate and augment Urdu text datasets for OCR using image processing techniques, improving accuracy and robustness against noisy data.

Heart Attack Data Analysis using Data Analysis and Visualization Techniques (04/2024 - 07/2024)

- Applied data preprocessing, visualization, and modeling on a real-world dataset, extracting insights and compiling results in an IEEE-formatted research report.

Personal Home Doctor for Women & Kids App (04/2024 - 06/2024)

- Designed UI/UX for Personal Home Doctor for Women & Kids app, creating wireframes, user flows, and prototypes with a focus on responsive design.

Perfomix: Performance Management Tool (FYP) (09/2024 - Present)

- Co-developing a web-based employee performance evaluation system in collaboration with ZAPTA Technologies.

SKILLS

Python MySQL UI/UX Design(Figma)

Linux Cisco Packet Tracer Adobe XD

Git/Git Hub Problem Solving Canva

Machine Learning

WORK EXPERIENCE

Namal Society for Social Impact(Education Wing) (10/2022 - 01/2023)

I taught the local students of the surroundings being the part of Educaion Wing. As NSSI aims to "Pay back to society".

CERTIFICATES

Soft Skills Development Program (Certificate of Completion) (11/2022)

For successfully completing the Soft Skill Training conducted by Punjab Educational Endowment Fund.

IEEE WIE International Leadership Summit (Certificate of Participation) (12/2022)

For attending and participating in diffrent activities of the two days IEEE WIE Summit in Lahore.

Namal Society for Social Impact (Certificate of Appreciation) (01/2023)

In recognition of outstanding achievements within Education Wing of NSSI.

LANGUAGES

Urdu
Full Professional Proficiency

English
Full Professional Proficiency

INTERESTS

Book Reading

Badminton