

AYESHA TAHIR

Computer Science Undergraduate

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📍 Layyah, Pakistan

OBJECTIVE

Learning experience in Information security, cyber security, data analysis, AI research, software engineering, and system design. Passionate about building and using technology to solve problems, enhance digital safety, and gain practical experience through the collaboration and continuous learning. I want to contribute to a team, and grow my skills through real-world projects.

EXPERIENCE

Internee

CybeCloud

📅 Nov 2025 - Feb 2026

📍 Remote

- Responsibilities included security monitoring, vulnerability assessment, log analysis, and identifying potential security risks

Teacher Assistant

Namal University

📅 Sept 2025 - Feb 2026

📍 Mianwali

- Assisted in Operating System course
- Analyzed students' understanding and problem-solving skills

Internee

Speridian Technology

📅 Summer 2025

📍 Multan

- Assisted in designing and building web modules
- Learned best practices for secure web development

Junior Research Assistant

CAID - Namal

📅 Dec 2023 - Jan 2025

📍 Mianwali

- Worked on research projects
- Worked as an organizer and co-ordinator

PROJECTS

AI-Powered SOC Alert Triage Framework

- Built an AI-powered SOC alert classification and investigation system
- Automated threat detection, alert summarization, IOC extraction, and investigation workflows
- Developed a dashboard to reduce false positives and improve incident response efficiency

NLP-KnowledgeGraph

🔗 Github

- Performed NLP-based semantic analysis and knowledge graph preprocessing on annotated text datasets
- Prepared structured datasets for downstream tasks including relation prediction and knowledge graph construction

Blood Wing Database System

🔗 Github

- Created database system for Blood Wing of NNSI
- Managed data collection, storage, and retrieval for society's operations

Password Strength Checker

🔗 Github

- Implemented real-time validation for character diversity, length, and special symbols
- Provided security recommendations to encourage strong password creation and improve user awareness

EDUCATION

BS Computer Science - 3.35 CGPA

Namal University Mianwali

📅 Jul 2022 - Present

Relevant Courses: Computer Architecture, Operating Systems, Computer Networking, Data Structures and Algorithm, Information Security, Cyber Security, AI and ML

ACHIEVEMENTS

- 🏆 **TechVerse Cyber Hackathon 2026:** Runner-up in national hackathon conducted by UMT
- 🏆 **QnQSec CTF 2025:** Participated in two-day international cybersecurity competition
- 🏆 **PackCrypt International Symposium 2025:** Participated in cryptography Sessions
- 🏆 **Leadership Excellence:** Served as a Director of Skills Development Society and President of Cyber Security Society
- 🏆 **Summer School Instructor:** Delivered lab on RISC-V ISA to students and professionals
- 🏆 **Research Contributor:** Recognized for contributions to projects at CAID research center

SKILLS

- Programming:** Python, C++, C, C#, Assembly
- Database:** MySQL, Postgre SQL, ERD
- Tools:** Github, Hugging Face, Linux CLI, OSINT Tools, Cisco Packet Tracer, Wireshark, Penetration Testing Tools, Wazuh, Splunk, Azure
- Research:** Data Analysis, Technical Writing, Literature Review, Artificial Intelligence

CERTIFICATIONS

- Facebook OSINT Hacking**
 - Course by XEye Academy
- Red and Blue Team Workshop**
 - Cyber Security and CTF Workshop by RDX
- Generative AI Fundamentals 2025**
 - Fazal Qadir Khan Islamic Institute
 - ChatGPT & AI Conversations Mastery
- RISC-V Embedded Systems Speaker**
 - Summer School on Industrial Applications
- Python & ML Bootcamp**
 - Machine Learning Foundations by ShapeAI
- IoT for Everyone**
 - Course authorized by HEC, Pakistan