

Aayan Rashid Wahab

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EDUCATION

Ghulam Ishaq Khan Institute of Engineering Sciences and Technology Topi, Khyber Pakhtunkhwa
BSc in Cyber Security (Expected: May 2027) Aug 2023 – Present

EXPERIENCE

IEEE - GIK Chapter Topi, Khyber Pakhtunkhwa
Subhead/Event Organizer (NEO) Aug 2023 – Present

- Oversaw logistics and budgeting for national events with **200+ attendees**, ensuring smooth execution.
- Managed logistics for coding contests showcasing Python and C++ applications in problem-solving. .

Project Topi - Social Welfare Society Topi, Khyber Pakhtunkhwa
Media Coordinator & Event Manager Jan 2023 – Present

- Increased online engagement by **30%** through strategic social media campaigns.
- Organized **10+ blood donation drives** and managed Ramadan ration distributions benefiting hundreds.

CERTIFICATIONS

Google AI Essentials Mar 2025
Google Credential ID: YWC5UCOSVAVM

IT Security: Defense against the Digital Dark Arts Dec 2024
Google Credential ID: Q59GOZLAJ7OC

Cybersecurity Artificial Intelligence Dec 2024
Oxford Home Study Center (OHSC) Credential ID: LC112086

Introduction to Cybersecurity May 2024
Cisco

EF SET English Certificate (C2) Sep 2023
EF SET

TECHNICAL SKILLS

Programming Languages: C++, Python, Shell Scripting (Linux), SQL, HTML/CSS

Cybersecurity Tools: Kali Linux, Wireshark, Nmap, CyberChef, OpenVAS

Frameworks & Libraries: TensorFlow, Google Colab, GitHub, Docker, PyTorch

Soft Skills: Strategic Communication, Social Media Management, Video Editing, Graphic Design

PROJECTS

Network Packet Sniffer (Python, Tkinter) Oct 2024 – Dec 2024

- Developed a user-friendly packet sniffer using Python and Scapy for real-time traffic analysis.
- Enhanced performance by implementing optimized filtering algorithms and GUI tools.

File Encryption Manager (C++) Dec 2024 – Jan 2025

- Designed a file encryption tool using classical cryptographic techniques, ensuring secure storage.
- Integrated random key generation and secure file deletion for enhanced data protection.

AI Password Generator (Python) Jan 2025 – Present

- Developing an AI-powered password generator utilizing encryption techniques and strength assessment.
- Implemented machine learning models to analyze and improve password security.