M WASAY TAHIR

Computer Scientist

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SUMMARY

A dynamic and passionate technology enthusiast with deep knowledge of cloud engineering, data engineering, machine learning, natural language processing and cybersecurity. We are committed to driving innovation and solving complex challenges through seamless integration of these areas. I am looking for opportunities to apply my expertise in progressive and forward-thinking organizations.

EXPERIENCE

Contributor

2020 - Present

Open-Source Community

Worldwide

Softwares that can be freely accessed, used, changed, and shared (in modified or unmodified form) by anyone.

- Actively contributed to a diverse range of open-source projects within the fields of machine learning, cybersecurity, data engineering, natural language processing, and cloud computing.
- · Rigorous code review and testing to ensure software quality and reliability.

EDUCATION

Bachelors of Science in Computer Science

11/2021 - 03/2025

Namal Institute

Pakistan

GPA 3.5+ / 4

ACHIEVEMENTS



Academic Excellence:

Achieved an A+ grade in both Matriculation and Higher Secondary Education, reflecting a strong academic foundation.



Leadership in Model United Nations:

As a leading delegate in BUMUN2021 SPECPOL, showcased strong leadership, negotiation, and diplomacy skills.

PROJECTS

JPEG Image Compression Algorithm:

Namal University

Created a customizable JPEG image compression algorithm with frontend using Python from scratch. Implemented the algorithm to work with various file formats, enhancing image compression efficiency.

Packet Sniffer and Penetration Testing:

I have successfully developed a peer-to-peer clone of renowned packet sniffers and keyloggers. Additionally, I have developed Spyder crawlers that exploit vulnerabilities through SQL injection and other techniques in an ethical environment.



STRENGTHS

Rapid Tech Adaptor

Like a chameleon, master cutting-edge technology and quickly navigate the worlds of 0s and 1s.

Pixel-Perfect Perfectionist

Obsessively detail-oriented, ensuring that my code and work is as precise as a Swiss timepiece, yielding impeccable project results.

SKILLS

Machine Learning · Cyber Security ·

Data Engineering · NPL · LLM's ·

Ethical Hacking · Networking ·

Python · Cloud Computing ·

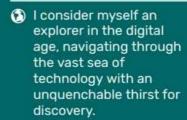
Team Collaboration

LANGUAGES

Language

Proficient

PASSIONS



I firmly believe that laughter is a universal language. I take joy in sharing humor and creating moments that bring smiles to people's faces, both in the tech world and beyond.