

# 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 consider myself an explorer in the digital age, navigating through the vast sea of technology with an unquenchable thirst for discovery.

😊 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.