

ABDUL SAMAD

AI Security Research Candidate | Software Engineering Student | Cybersecurity Practitioner
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PROFESSIONAL SUMMARY

BS Software Engineering student (CGPA 3.87/4.0) at IMS Peshawar with a strong interest in AI security and applied research. Currently co-authoring a research paper on AI based prompt injection detection in large language models under faculty supervision, and recently completed an 8 week Advanced AI Bootcamp at GIK Institute (Grade A) covering machine learning, deep learning, NLP, LLMs, and agentic AI. Alongside AI, I have built a hands on foundation in cybersecurity through CTF competitions, bug bounty research, and web and API security testing based on the OWASP Top 10, supported by 17+ industry certifications in penetration testing, networking, and AI. Seeking a research internship to apply my skills, contribute to meaningful research, and grow as an AI and security researcher in a professional research environment.

RESEARCH EXPERIENCE

Research Assistant (Co-Author) — AI-Based Prompt Injection Detection in LLMs 2026 – Present

Institute of Management Sciences (IMS), Peshawar | Supervisor: Ali Haider | Co-Author: Maqbool Hussain

- Co-authoring a research paper investigating detection methods for prompt injection attacks in large language models

TECHNICAL SKILLS

AI / Machine Learning: Machine Learning, Deep Learning, NLP, LLMs, Agentic AI, Prompt Engineering, Prompt Injection Detection

Penetration Testing: Web Application Pentesting, API Pentesting, Network Pentesting, OWASP Top 10

Vulnerabilities: IDOR, XSS, XXE, HTTP Verb Tampering, SQLi, File Upload Exploits, Open Redirect, Broken Access Control

Tools & Platforms: Burp Suite, OWASP ZAP, Nmap, Nessus, Katana, Nuclei, Wireshark, Metasploit, VirtualBox, Kali Linux

Programming & Scripting: Python, C++

Web & Dev: Flask, MySQL, Git/GitHub, REST APIs, HTML/CSS

Other: Linux Administration, OSINT, Threat Analysis, Blue Team Fundamentals, Technical Writing

APPLIED AI PROJECTS

StudentCareer AI — Hybrid LLM + Deterministic Career-Readiness Platform 2026

- Designing a capstone platform combining LLM-based job-fit scoring and drafting with deterministic eligibility, readiness, and scheduling logic
- Architecture separates language/reasoning tasks (handled by an AI-provider abstraction supporting Gemini, OpenAI, OpenRouter, Ollama) from rule-based scoring and analysis

EDUCATION

Bachelor of Science in Software Engineering

2024 – Present

Institute of Management Sciences (IMS), Peshawar | CGPA: 3.87 / 4.0

- 5th Semester — among top-performing students; coursework includes Programming, Databases, AI, Software Engineering, and Computer Networks

Advanced AI Bootcamp

Jul – Aug 2026

Ghulam Ishaq Khan (GIK) Institute of Engineering Sciences and Technology | Grade: A

- 8-week intensive program covering AI, machine learning, deep learning, NLP, large language models, and agentic AI

Intermediate in Computer Science (HSSC)

2022 – 2024

Government College Faqeerabad, Peshawar

Diploma in Information Technology

Apex Institute and College of Computer Science

2022 – 2023

Matriculation — Science (SSC)

New Islamia Public High School, Peshawar

2020 – 2022

ACHIEVEMENTS

- 1st Position in Computer Science across all Government Colleges in Peshawar — Awarded Prime Minister's Electric Scooter (2024)
- 3rd Position in Peshawar Board, Matriculation Science — 545/550 (99.00%) (2022)
- 17+ industry certifications in AI, cybersecurity, penetration testing, and networking

CERTIFICATIONS

Succeed in the Age of AI	Udemy (Angela Yu) Aug 2026
Certified Network Security Practitioner (CNSP)	The SECOPS Group Aug 2026
eJPT – Junior Penetration Tester	INE Security Feb – Apr 2025
PT1 – Junior Penetration Tester	TryHackMe Aug 2025
Open Source Intelligence (OSINT) from Scratch	Udemy Nov 2025
Introduction to Modern AI	Cisco Networking Academy Mar 2026
Network Technician Career Path	Cisco Networking Academy Mar 2026
Worldwide CTF Competition	World Wide Flags Jul 2025
API Penetration Testing	APIsec University Feb 2024
Bug Bounty Hunting from Scratch	Udemy Jan 2024
Website Penetration Testing	Udemy Dec 2023
Google Cybersecurity Professional Certificate	Coursera / Google Aug 2023
Certified in Cybersecurity (CC)	ISC2 Sep 2023
Blue Team Junior Analyst	Security Blue Team Sep 2023
Ethical Hacking Essentials	EC-Council Sep 2023
Applied ChatGPT for Cybersecurity	Coursera Sep 2023
Wireshark Essential Training	LinkedIn Learning Aug 2023
Learning Linux for LFCA Certification	LearnQuest Jul 2023

LANGUAGES

English (Fluent) Urdu (Fluent) Pashto (Native)

INTERESTS

AI Security Research | CTF Challenges | Bug Bounty Hunting | Reading Tech Blogs