HAMMAD NAEEM

Cyber Security Student | Open for Internships

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■ PROFESSIONAL SUMMARY

Motivated Cyber Security student ranked in the top 2% on TryHackMe with hands-on experience in ethical hacking, penetration testing, and machine learning-based security solutions. Active CTF player skilled in Python, web development, and security tools. Seeking internship opportunities to apply academic knowledge and contribute to real-world cybersecurity challenges.

■ EDUCATION

Bachelor of Science in Cyber Security

Quaid-e-Awam University of Engineering, Science & Technology (QUEST)

2024 - 2028 (Expected) | CGPA: 2.9/4.0

■ TECHNICAL SKILLS

Programming Languages:	Python, JavaScript, C++, Java, Bash, HTML/CSS
Security Tools:	Kali Linux, Penetration Testing, Malware Analysis, Reconnaissance
Frameworks & Tech:	Flask, React, Node.js, Express.js, Machine Learning, API Development
Database & Tools:	MySQL, PostgreSQL, Git, GitHub, Docker, Linux CLI

■ PROJECTS

AI Document Studio | *Python, Flask, Google Gemini API*
- Built intelligent document processing system powered by Google's Gemini AI
- Implemented semantic search and automated summarization features
- Developed bilingual Q&A; system (English + Roman Urdu) for enhanced accessibility

CyberWall — Security Monitoring System | *Python, Flask, MySQL, Machine Learning*
- Designed ML-based anomaly detection system using Isolation Forest algorithm
- Implemented automated IP blacklisting and real-time risk scoring
- Created attack visualization dashboard for security monitoring and threat analysis

Sales Analytics ERP System | *Node.js, Express.js, React, PostgreSQL, Docker*
- Developed full-stack ERP system with real-time analytics and Socket.IO updates
- Built secure authentication with role-based access control
- Designed automated database initialization with Docker containerization

Surface X — Bash Recon Framework | *Bash, Linux, Penetration Testing*
- Created terminal-based reconnaissance and vulnerability detection framework
- Implemented parallel execution with 60+ security patterns from CTF challenges
- Designed stealth in-memory operations for penetration testers and bug hunters

■ CERTIFICATIONS & COURSES

- Password Cracking (John the Ripper & Hashcat)
- Bug Bounty Hunting Fundamentals
- Social Engineering Techniques
- Malware Analysis
- Zero Trust Architecture
- Python Web Scraping
- Data Structures & Algorithms

■ ACHIEVEMENTS

- TryHackMe: Ranked in Top 2% globally among cybersecurity practitioners
- CTF Competitions: Active participant developing practical offensive and defensive security skills