Mahmood Abdulqhar Mohamad

Cybersecurity & Artificial Intelligence Graduate

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PROFILE

Cybersecurity & AI graduate (BSc, Excellent with Distinction) with hands-on experience building working tools in Python automation and LLM integration: a private AI Telegram assistant, a self-hosted personal AI agent, an automated document pipeline, and a set of offline security tools. Currently advancing offensive-security skills through hands-on self-study. Seeking an entry-level cybersecurity or AI role in Riyadh.

EDUCATION

Bachelor's Degree in Cybersecurity and Artificial Intelligence 2022 – 2026
Islamic University of Minnesota (Online) — Excellent with Distinction Award

English Language Diploma 2024 – 2026
Islamic University of Minnesota (Online) — Excellent, 96.5%

TECHNICAL PROJECTS

AI-Powered Personal Assistant — Telegram Bot (GitHub) 2026
- Built an owner-only Telegram study assistant with Python and Ollama, using local LLMs, a cybersecurity tool reference and saved study notes.

Self-Hosted Personal AI Agent — n8n & Local LLMs 2026 – Present
- Building a self-hosted AI agent on n8n that automates personal workflows and runs on local models, designed for memory-efficient operation on limited hardware.

Automated Presentation Pipeline — Python (GitHub) 2026
- Built a Python workflow (python-pptx, python-docx) to insert prepared Persian text into tagged slides and audit leftover tags.

passcheck — Offline Password Strength Checker (GitHub) 2026
- Built an offline CLI scoring password strength (character set, entropy bits, pattern checks), with automated tests.

passgen — Offline Password & Passphrase Generator (GitHub) 2026
- Built an offline password and passphrase generator with English and Arabic word lists, with automated tests.

headercheck — Website Security Headers Checker (GitHub) 2026
- Built a checker reading a site's HTTP security headers in one request and scoring them /100, with automated tests.

phishcheck — Phishing Indicator Checker (GitHub) 2026
- Built an offline checker scoring a suspicious URL or email header 0–100 from phishing indicators, with automated tests.

Alem — AI Educational Platform (AWS Cloud Hackathon, Team ZeroDay) 2026
- Contributed cloud-deployment security on AWS and implemented AI-driven lesson-planning features within a team build.

Networking for Cybersecurity — Study Notebook
- Prepared Arabic study notes on networking fundamentals, TCP/UDP, application protocols and protection principles from course summaries.

SKILLS

Security	Vulnerability Assessment, Penetration Testing, Network Security, Wireshark, Nmap, API Security, Access Control
Programming	Python, Bash Scripting, Git, REST APIs, Telegram Bot API, n8n Automation
AI & LLMs	Llama 3, Qwen 2.5, Prompt Engineering, LLM Integration
Systems & Cloud	Linux (Debian, CentOS), Windows, TCP/IP, DNS, DHCP, Firewalls, VPNs, AWS Basics

CERTIFICATIONS & COURSES

Certified Cybersecurity Educator Professional (CCEP) — Red Team Leaders 2025

Satr / Tuwaiq Academy — 22 courses, 48 hours 2024
- **Security & Programming:** Introduction to Cybersecurity, Python (101–104), Git 101
- **Data & AI:** Intro to Data Science, SQL (101–103), NumPy, Pandas, Matplotlib, Seaborn, Exploratory Data Analysis, Machine Learning (ML-101)
- **Web Development:** HTML, CSS, Bootstrap, Django (101–103)

Introduction to Cybersecurity — Cisco
Networking Basics — Cisco
Endpoint Security — Cisco
Introduction to Data Science — Cisco
Foundations of Cybersecurity — Google / Coursera
Play It Safe — Google / Coursera
Connect and Protect — Google / Coursera
Cybersecurity Fundamentals — IBM SkillsBuild
Introduction to Cybersecurity Awareness — HP LIFE
AI for Beginners — HP LIFE
Cybersecurity Essentials — Edraak
Learn English: Conversational Skills for Beginners — Edraak (British Council)
AI Applications — Islamic University of Minnesota

EXPERIENCE

Quran Instructor — Maknoon Charitable Society for Quran Memorization 2021 – Present
Riyadh, Saudi Arabia
- Teach paid Quran memorization circles: plan structured lessons and track each student's progress.
- Serve as volunteer deputy imam, leading congregational prayers at a local mosque.

LANGUAGES

Persian · Arabic · English