

Akram Mohamed Abdelmaksoud

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Professional Title

Computer Engineering Undergraduate — Cybersecurity & Web Development — AI and Networking Enthusiast

Professional Summary

Dynamic and detail-oriented Computer Engineering undergraduate with hands-on experience in cybersecurity, full-stack development, and network infrastructure. Demonstrated success in conducting vulnerability assessments, developing secure systems, and leading large-scale events. Technically proficient in Java, Python, C++, and modern web technologies. Equipped with strategic thinking, strong leadership, and project management skills. Eager to apply and expand technical expertise in challenging environments.

Education

Ain Shams University (ASU)

Bachelor of Engineering in Computer Engineering

Cairo, Egypt

2021 – 2026

GPA: 3.0 / 4.0

Volunteer: ICHEP events (orientations, graduation ceremonies)

King Fahd Language School (KFLS)

High School Diploma

Cairo, Egypt

2007 – 2021

Ranked 6th in graduating class

Active participant in musical performances

Work Experience

Freelance — Web Developer

Cairo, Egypt

Jun 2022 – Present

- Designed responsive layouts and interfaces using Java, HTML, and XML.
- Enhanced user engagement by 30% through mobile-first design.
- Led project planning that improved team efficiency by 20%.

ISEC Company — Cybersecurity Engineer Intern

Cairo, Egypt

Jun 2023 – Sep 2023

- Conducted vulnerability assessments and penetration testing.

- Implemented updated security protocols across IT infrastructure.

Ain Shams University — Routing & Switching Intern

Cairo, Egypt

Jun 2023 – Sep 2023

- Learned and applied network foundations.
- Configured routers and switches in a lab environment.

Information and Decision Support Center (IDSC), Egyptian Cabinet — Cybersecurity Analyst Intern

Cairo, Egypt

Oct 2023 – Dec 2023

- Monitored network traffic and supported real-time incident response.
- Co-authored threat intelligence reports and contributed to defense strategies.

Waving Race — Event Planner

Cairo, Egypt

Oct 2019 – Jun 2022

- Managed technical and logistical planning for large-scale events.

AbnG — Site Engineer

Cairo, Egypt

Jun 2018 – Jun 2019

- Conducted site inspections and ensured regulatory compliance.
- Oversaw implementation according to safety and project plans.

BME — Event Organizer

Cairo, Egypt

Jun 2022 – Present

- Organized booths and logistics, improving lead generation by 15%.
- Coordinated registration and staffing for over 3000 attendees.

Projects

- **Secure Student Portal** – Developed a PHP and MySQL login system with session management and SQL injection protection.
 - **Distributed Web Crawler** – Built a Python-based crawler using BeautifulSoup and socket programming, tested on multiple VMs.
 - **AI-based Student Performance Predictor** – Created a predictive model using Python and scikit-learn based on attendance and quiz data.
 - **Clinic Management System** – Designed a full-stack web app for managing clinic operations using PHP, JavaScript, and SQL with role-based access.
 - **Commercial Website** – Developed a responsive business site with product showcases, contact forms, and SEO features.
 - **Cinema Booking Website** – Built an online movie ticket platform with seat selection and admin panel using PHP, Bootstrap, and MySQL.
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Certifications

- Huawei Certified ICT Associate (HCIA), National Telecommunication Institute, Cairo – September 2024
 - Cisco CyberOps Analyst Certification, National Technology Institute, Cairo
 - FPGA Design and Implementation, Electronics Research Institute
 - AI and Machine Learning Certification, WE Telecom Egypt
 - Robotics with Arduino, American University in Cairo
 - AI Workshop Certification, Ain Shams University
 - Anti-Corruption Education, Administrative Control Authority of Egypt in collaboration with the United Nations Office on Drugs and Crime (UNODC)
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Technical Skills

Programming Languages: C, C++, Java, Python, HTML, CSS, JavaScript, SQL, PHP, MIPS Assembly

Web & Software: Django, XAMPP, Visual Studio, VS Code, IntelliJ IDEA, SQL Server, Android Studio, RAD Studio

Tools & Systems: Kali Linux, CyberOps Linux, Selenium, Git

Soft Skills

Leadership and Team Management, Strategic Planning, Public Speaking and Presentation, Problem Solving, Negotiation and Conflict Resolution

Methodologies

Agile and Scrum Practices, Secure Development Lifecycle (SDL), Threat Modeling

Languages

Arabic: Native

English: Upper Intermediate (B2)

German: Intermediate (B1)