

Osama Abdelrahman Fouda

Cybersecurity Student

osamafouda04@gmail.com | <https://www.linkedin.com/in/osama-fouda-os04>

<https://osama-fouda.github.io/My-portfolio/> | <https://github.com/osama-fouda>

Giza, Haram, Egypt | +201060860545

Proficient in cybersecurity, including penetration testing, vulnerability assessments, and Kali Linux. Familiar with CCNA-level networking and Python-based security tools. Skilled in web development with experience in HTML, CSS, JavaScript, PHP, and MySQL. Developed projects like CRUD systems and e-commerce sites.

Education

October High Institute

Oct 2022 - Dec 2027

Bachelor's Degree Communication Engineering

GPA 3.3

Projects

E-commerce platform

Present

Developed an interactive e-commerce website using HTML, CSS, JavaScript, Vue, and Tailwind. I contributed to designing responsive user interfaces, implementing dynamic features for product listings and shopping carts, and enhancing overall user experience through efficient front-end development practices.

Login & Signup page

Present

Developed a secure login and signup page using PHP and MySQL. I implemented user authentication, password encryption, and session management to ensure data security. The project included database integration for storing user credentials and validating secure access.

CRUD system

Present

Developed a CRUD (Create, Read, Update, Delete) system using HTML, CSS, and JavaScript. I designed user-friendly interfaces for data management, implemented dynamic functionality for data manipulation, and ensured a responsive layout for optimal user experience across devices.

Smart Solar Panel

Present

Developed a smart solar tracking system using Arduino to optimize solar panel efficiency. The system utilized sensors to detect sunlight direction, allowing the panels to adjust their position throughout the day.

Network Sniffer

Present

- Mastered packet capturing using Python libraries like Scapy to inspect headers and payloads.
- Gained expertise in protocol analysis, filtering traffic based on TCP, UDP, and ICMP.
- Developed skills in real-time data processing for efficient network traffic handling.

Work Experience

Cisco Cybersecurity Intern

Jun 2024 - Sep 2024

Digital Egypt Pioneers Initiative | Cairo | Egypt

- Monitored network traffic for security threats using Cisco tools.
- Analyzed vulnerabilities and supported patch management efforts.
- Implemented security policies to safeguard network infrastructure.

Front-End Developer

Jun 2023 - Aug 2023

[Teleoceans](#) | Cairo | Egypt

- Building and maintaining the front-end components of websites using web technologies such as HTML, CSS, and JavaScript.
- Translating UI/UX design mockups into functional web pages or application interfaces.
- Ensuring that websites and applications are responsive and work well on various devices and screen sizes.

Data Entry Specialist

Apr 2020 - Aug 2020

El-Emam Ahmed for Linguistic Correction | Cairo | Egypt

- Review and validate data for accuracy and completeness, ensuring high-quality data entry.
- Demonstrate a fast and efficient typing speed while maintaining accuracy.
- Communicate effectively with team members and supervisors to provide updates on data entry progress.

Languages

English (*Intermediate*), **Arabic** (*Mother tongue*), **German** (*Beginner*)

Core Skills

HTML, Java Script, CSS, React, Python, C++, Godot Engine, Visual Studio, MBlock, RedHat Linux, Cybersecurity, Computer Science, Incident Response, Network Monitoring, Network Protocols, OSI Model, Security Tools, Vulnerability Management, Attention To Detail, Ability To Work Independently, Communication Skills, Bash, Technical Skills, Insights, Investigation

Volunteer Experience

Head Of Marketing

Present

IEEE

As the Head of Marketing for the IEEE Student Branch, I developed and executed marketing strategies to promote events and initiatives, enhancing visibility and engagement within the student community.

Certificates

Ethical Hacking

Jun 2024

Digital Fortress

Web Fundamentals

Aug 2023

Ischool

Data Science With Python

May 2024

Ischool