

# Hamza Yousef Ahmad Matar

## Cyber security

Nationality : Jordanian

Gender : Male

Date of birth : 2001

Place of birth : Amman

Marital status : Single

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## Profile

Through my study of information security and through learning to acquire various skills from the networks and protocols used and systems such as Windows and Kali Linux, and learning about different tools to find out if there are tools to check security vulnerabilities , and working to protect systems from any external interference or attacks from unauthorized people. Authorized access within the system .

## Education

Bachelor's degree in information security

Oct 2020 - Jul 2024

Isra university, Amman

## Courses

ccna - Jordan university

how to configure and operate networks , learn about internet protocols such as TCP/IP and IPV6 , design and configure computer networks using equipment network management and maintenance , how to perform operations such as routing and switching data configuring

cct - green circle

to work on kali linux system , use tools to discover vulnerabilities within web pages and work to maintain them.

## Certificates

National Cyber Security Center of Jordan

## Project

### graduation Project

#### Secure File Transfer Application

- **Description:** Developed a comprehensive Windows Forms application for secure file transfer using RSA and AES encryption.
- **Key Features:**
  - **RSA Key Generation:** Generate and exchange RSA public/private keys.
  - **AES Key Decryption:** Decrypt AES key using RSA private key.
  - **File Encryption:** Encrypt files with AES before transmission.
  - **Logging:** Record file transmission details in SQLite.
  - **User Interface:** User-friendly interface for all functionalities.
- **Technologies:**
  - **Programming Language:** C#
  - **Framework:** .NET Framework
  - **Encryption:** System.Security.Cryptography (RSA, AES)
  - **Database:** SQLite
  - **Network Communication:** TCP/IP sockets
  - **User Interface:** Windows Forms
- **Responsibilities:**
  - Designed and implemented the entire application, including UI and backend.
  - Developed mechanisms for secure RSA key generation and exchange.
  - Implemented AES encryption for secure file transfers.
  - Established a logging system using SQLite.
  - Ensured robust error handling and user notifications.
  - Facilitated secure network communication via TCP/IP sockets.

Skills

c#

python

html & css

Kali Linux command and tools

Networks

Microsoft software

Languages English , Arabic