

OSAMA ALI KHALID NEMRAWI

Irbid, Jordan | +962 7 9654 0024 | osama3khaled06@gmail.com

PROFESSIONAL SUMMARY

Motivated Cybersecurity & IT student at Irbid National University with strong foundations in software engineering, application development, and database systems. Experienced in developing GUI desktop applications and interactive software using Python and C++. Skilled in secure coding logic, dynamic memory management, and structured data handling. Seeking an entry-level software development or technical engineering role to apply problem-solving and programming expertise.

EDUCATION

Irbid National University

Expected Graduation: 2029

Bachelor of Science in Cybersecurity / Information Technology

TECHNICAL SKILLS

Programming Languages: Python, C++, C#, SQL, HTML, CSS, JavaScript

Software & Core Concepts: Object-Oriented Programming (OOP), Data Structures & Algorithms, Dynamic Memory Allocation, Database Querying (SQL/NoSQL)

Domains & Tools: Desktop GUI Development (Tkinter), Web Application Mechanics, Cybersecurity & Network Fundamentals, Data Cleaning & Quality Control

PROJECTS

Python Desktop GUI Applications

Lead Developer

- Engineered interactive graphical user interface (GUI) applications using Python for user data management, transaction processing, and automated workflows.
- Implemented strict input validation rules, state management, and clear UI layouts to enhance data accuracy and user experience.
- Structured relational SQL database queries to handle reliable data persistence and accurate retrieval.

C++ Data Structures & Simulation Projects

Software Developer

- Designed and built custom low-level data structures (linked lists, queues, dynamic arrays) using C++ with focus on memory optimization and pointers.
- Developed interactive front-end web simulator components (HTML/CSS/JS) to emulate code editor interfaces and execution tools.

SOFT SKILLS & ACTIVITIES

- Core Competencies:** Team Collaboration, Problem Solving, Technical Data Entry, Detail Orientation, Verbal & Written Communication.

- **Hackathons & Competitions:** Collaborated with team members in technical hackathons, contributing to software concept design, implementation, and pitching.