

NADER OTHMAN

Zahle · +96181722629

Single · Male

othmannader7@gmail.com

As a third-year Computer Engineering student at Beirut Arab University, I aim to leverage my foundational knowledge in computer systems and proficiency in Windows OS to contribute effectively to technology-driven projects. I am eager to apply my strong communication skills and technical expertise in a dynamic work environment, seeking opportunities that will allow me to grow professionally and make significant contributions to the field of computer engineering. My background includes hands-on experience with software and hardware interfaces, which positions me uniquely to meet the challenges of a tech-centric role

EXPERIENCE

1 FAB 2024 – 1 AUG 2024

CALL CENTER, TOUCH

At Touch, I efficiently handled 50 daily customer interactions, enhancing customer satisfaction by 15% through improved query resolution. My collaboration with the tech team led to a 20% reduction in call handling times and better first-call resolution rates. My performance earned me the "Employee of the Month" award twice within a year.

- Network CISCO CERTIFICATE CCNA1
- FLUTTER
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EDUCATION

JUN 2023

BACHALLORATE, AL JARMAK SECONDARY SCHOOL

I graduated from Al Jarmak Secondary School with an impressive 80% GPA, demonstrating strong academic performance and dedication. This GPA underscores my ability to consistently achieve high standards in a rigorous curriculum, laying a solid foundation for my future studies in computer engineering.

JUN 2027

BACHALOR DGREE, BEIRUT ARAB UNIVIRSITY

I am currently maintaining a strong GPA of 3.33 in my forth year of Computer Engineering studies specified in cybersecurity field , demonstrating my academic diligence and ability to grasp complex technical concepts. This GPA reflects my consistent performance across key areas of study, including programming, systems analysis, and network security, preparing me effectively for advanced roles in technology and engineering sectors.

- Mathematics: Proficiency in Calculus, Linear Algebra, and Discrete Mathematics.
- Science: Fundamental understanding in Physics and Chemistry.

- Computer Science: In-depth knowledge of programming languages including C, Python, and Java, alongside Data Structures and Algorithms.
- Engineering Core: Advanced coursework in Digital Logic Design, Computer Organization and Architecture, and VLSI Design.
- Specialized Studies: Hands-on experience in Embedded Systems, with skills in electronic circuit design and integrated circuit design using CAD tools.
- Software Development: Practical and theoretical knowledge in Operating Systems, Database Management Systems, and Software Engineering.

SKILLS

- Communication Skills
- Fast Typing
- Microsoft Office Proficiency
- Problem Solving
- Project Management
- Critical Thinking
- Fast Learning
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ACTIVITIES

Face Detection and Finger Counting System: Developed an innovative system using YOLO v3 and OpenCV (cv2) for real-time face detection and finger counting. This project involved integrating an ESP32 microcontroller to process inputs and control LED outputs based on the data received from the visual recognition tasks. By leveraging a custom dataset, I fine-tuned the model's accuracy, enhancing its responsiveness and reliability in real-world applications. This project not only demonstrates my proficiency in applying complex machine learning algorithms and computer vision techniques but also my ability to innovate and implement practical solutions in embedded systems.

Network Intrusion Detection Using Python & Scapy

Developed a lightweight network intrusion detection system using Python and Scapy to capture and analyze real-time network traffic. Implemented rule-based detection to identify anomalies such as port scans, spoofed packets, and suspicious protocol activity. Designed alert and logging mechanisms to support incident analysis, demonstrating strong skills in packet analysis and network security monitoring.

File-Integrity Monitoring System

Built a file-integrity monitoring tool that tracks unauthorized changes to critical system files using cryptographic hashing. Implemented automated baseline generation, continuous comparison, and alerting for file modifications, deletions, or insertions. Enhanced host-level security by enabling early detection of tampering and malware-related activity.

Web-Application Vulnerability Scanner (SQLi & XSS)

Created an automated web-application vulnerability scanner focused on detecting SQL Injection and Cross-Site Scripting flaws. Implemented payload injection, request automation, and response analysis to identify exploitable input fields. Generated structured vulnerability reports, improving web application security assessment and testing workflows.

AES-Based Encryption & Decryption Tool

Developed a secure file encryption and decryption utility using AES symmetric cryptography with configurable key sizes. Implemented secure key handling and a streamlined interface for protecting sensitive data. Demonstrated strong understanding of modern encryption standards and practical data-security techniques.

INTERN

Ogero Telecom, Lebanon

from 16/6/2025 till 28/7/2025

Key Responsibilities and Achievements:

- Gained hands-on experience with FTTx technologies (FTTH, FTTB, FTTC) and their implementation in Lebanon's telecommunications infrastructure.
- Supported the deployment and maintenance of DSL, ADSL, and fiber-optic networks, ensuring reliable internet services for residential and business clients.
- Conducted technical analysis of fiber-to-the-building (FTTB) and multi-tenant solutions (FTMC), optimizing connectivity for high-rise buildings and complexes.
- Collaborated with the engineering team to troubleshoot issues related to leased lines and multi-tenant mode (MTM) services.
- Assisted in monitoring and upgrading the fiber-to-the-cabinet (FTTC) network to improve broadband speeds and reduce latency.
- Developed a solid understanding of telecommunications protocols and the role of Ogero as the backbone of Lebanon's internet infrastructure.
- Prepared detailed reports and documentation on network performance, deployment challenges, and technical solutions.

Key Skills Acquired:

- Fiber-optic technology deployment and troubleshooting.
- Network architecture analysis (FTTx, DSL, ADSL).
- Technical reporting and documentation.
- Team collaboration in a telecommunications environment.