

# Mohammad Nour Omar Smaysem

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A dedicated second-year computer engineering student with a strong foundation in technology and problem-solving. Actively involved in the family business, gaining hands-on experience in management, operations, and teamwork. Passionate about community service, volunteering with the scout organization to develop leadership, organizational, and interpersonal skills. Aiming to apply technical knowledge and practical experience to contribute effectively in professional and collaborative environments.

## WORK EXPERIENCE

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- **Managed inventory:**  
operations, ensuring accurate stock records and efficient inventory flow.
- **Family business | Current** since 2020  
Maintained financial records, managed accounts payable/receivable, and ensured accurate bookkeeping and financial reporting.

## EDUCATION

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- **Beirut Arab University (BAU)** — Debbieh, Lebanon  
**B.E. in Computer Engineering** — Expected May 2026  
GPA: 3.44 | Relevant Coursework: Data Structures, OOP, Algorithms, Digital Logic, Databases

## PROFESSIONAL SKILLS

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- **Programming:** C, C++, Python, basic Java, Assembly, VHDL, learning .NET (C#/VB.NET)
- **Databases:** SQL basics (CRUD, joins, schema design)
- **Concepts:** OOP, Data Structures, Algorithms
- **Tools:** Git, Linux, Quartus, ModelSim, Proteus, Tinkercad
- **Applications:** POS workflows, retail finance/inventory management

## PROJECTS

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### **Supermarket Finance & Inventory System** — C, File I/O

- Built login, billing, discount, and inventory update features using file-based persistence.

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- Applied database concepts (CRUD operations, record queries). Mirrors POS/ERP workflows.

### **Car Parking Management System** — *PIC Microcontroller (C), Keypad, LCD*

- Designed passcode entry with slot availability display.
- Structured modular code for real-time sensor and motor control.

### **Traffic Light Controller** — *VHDL, ModelSim*

- Simulated fixed-signal state machine for traffic lights.
- Applied structured logic design and debugging through testbenches.

## **PROFESSIONAL MEMBERSHIPS**

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- Scout (2014 – PRESENT)
- IEEE community (10/2023 – PRESENT)

## **LANGUAGE COMPETENCIES**

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- Arabic: fluent (speaking, reading, writing)
- English: intermediate (speaking, reading, writing)