

NOUR ALHOUDA AMER

MAINTENANCE AND INDUSTRIAL ENGINEER

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CAREER SUMMARY

Industrial Engineering graduate with a strong foundation in manufacturing, quality control, and maintenance, skilled in AutoCAD and SolidWorks. Seeking an internship to apply problem-solving and technical skills while contributing to process improvement.

WORK EXPERIENCE

Internship | ModonGroup S.A.R. L

July 2025 – Aug 2025

- Gained practical skills in installing and wiring electrical components in control panels, and understanding PLC-based automation systems for water pumping, including control sequences and protection mechanisms.
- Developed the ability to interpret complex electrical drawings and identify key components such as MCCBs, contactors, and relays, and understand their roles within industrial systems.
- Contributed to the Upper Halba project by analyzing wiring diagrams for power distribution and control logic, effectively connecting academic concepts with real-world electrical installations.

Internship | HMM machinery est.

Aug 2024 – Sept 2024

- Assisted in assembling and wiring electric motors, interpreting electrical schematics, and ensuring proper connections for testing and operation.
- Gained hands-on experience with mechanical components, learning their functions, usage, and role in industrial systems.
- Supported metalworking processes, including using AutoCAD and SolidWorks to design parts for CNC machine operations.

EDUCATION

2022- 2025

Bachelor's degree in Technology & Science in Maintenance and Industrial E. | Faculty of Technology, LU

July 2025 – Aug 2025

Certification | ModonGroup S.A.R.L Saidia, Lebanon

Aug 2024 – Sept 2024

Certification | HMM machinery est. Deir EL Zahrani, Lebanon

TECHNICAL SKILLS

Wiring diagram and motor assembly | Technical Drawing: 2D/3D Modeling (AutoCAD | SolidWorks) | PLC (Delta, Easy) | HAP (Hourly Analysis Program) | CAD/CAM with CNC programming | Manufacturing process | MATLAB | Probability and Statistic | Microsoft Project | Excel | Programming C

SOFT SKILLS

Problem-Solving | Attention to Detail | Adaptability | Teamwork & Collaboration

LANGUAGES Arabic (Native) | English (fluent) | French (limited proficiency)