

MOHAMMAD SHAABAN

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OBJECTIVE

Electrical Engineering student with strong analytical thinking and hands-on experience in electrical design and automation tools. Seeking opportunities to apply technical knowledge in real-world projects and continuously develop advanced engineering skills.

EDUCATION

Bachelor of Electrical Engineering
Lebanese International University (LIU)
Major GPA: 3.6/4.0
• Honor List: 4th semester
• Status: Current Final Year

TECHNICAL SKILLS

- AutoCAD Electrical (low Intermediate)
- Electrical Design & Layouts, SLD Design, Electrical Drafting
- Power System Analysis: Short-Circuit, Fault, Load Flow, and Power Outage Analysis
- Electrical Protection Devices
- Fire Alarm & Fire Protection Systems (Conceptual understanding)

SOFTWARE & TOOLS

- AutoCAD & AutoCAD Electrical (Low Intermediate)
- Revit (Low Intermediate)
- MATLAB & Simulink
- LTspice
- Ecodial (Low Intermediate)
- Mathematical & Simulation Tools

ADDITIONAL SKILLS & PROGRAMMING

- Workflow Optimization, Technical Report Writing, and Problem Solving
- Research Skills, System Modeling & Simulation
- Programming: Java (Good understanding), AVR Assembly (Microcontroller Interfacing: USART, PWM, LCD)

PROJECTS & PRACTICE

- AutoCAD Electrical: Completed sample projects covering motor control circuits, power distribution systems, and industrial schematics.
- Dual-Controller Communication: Developed a transmitter-receiver system using two microcontrollers with USART and PWM control.
- Power Electronics: Phase-angle control circuit design and simulation using TRIAC/DIAC components in LTspice.
- Simulation: Practiced electrical system design and circuit analysis using MATLAB, Simulink, and LTspice.

LANGUAGES

- Arabic: Native
- English: Intermediate – comfortable with technical documentation and email communication
- Turkish: Intermediate
- French: Beginner

KEY STRENGTHS

- Strong logical and analytical thinking
- Fast learner with self-driven improvement
- Ability to work independently and efficiently
- High attention to detail in technical work