

Ali Nemer Monzer

21yrs | Beirut, Lebanon | alimonzer904@gmail.com | +961 78 942566 |

EDUCATION

Al-Maaref University | *Bachelor of Electrical & Electronics Engineering*
Beirut | **2022-Present**

- Cumulative GPA: 3.92/4

Additional Courses:

- Introduction to Power Electronics (Robert Erikson, Coursera)
- Converter Circuits (Robert Erikson, Coursera)
- Converter Control (Robert Erikson, Coursera)
- Electrical Distribution Design(Udemy)
- Practical electronics design workshop (Walid Issa)
- Professional electronics design workshop (Walid Issa)
- MATLAB OnRamp (Mathworks)
- Introduction to C (Sololearn)

SKILLS

- | | | |
|-------------------------------|-------------------|---------------------------------------|
| • Software Tools | ➤ Orcad Pspice | Technical Skills: Intermediate |
| | ➤ LTspice | Technical Skills: Advance |
| | ➤ PLECS | Technical Skills: Intermediate |
| | ➤ Multisim | Technical Skills: Intermediate |
| | ➤ Easyeda | Technical Skills: Intermediate |
| | ➤ Altium designer | Technical Skills: Intermediate |
| | ➤ MATLAB | Technical Skills: Intermediate |
| | ➤ Logisim | Technical Skills: Advance |
| | ➤ Multisim | Technical Skills: Intermediate |
| • Communication Skills | | |

Written and Oral:
Arabic
English

Language Proficiency: Strong
Language Proficiency: Good

- **Personal Skills**

- Power Electronics Design
- Programming
- Analog Electronics Design
- Electronics Analysis
- PCB Design
- Event Coordination
- Time Management

EXPERIENCE

- **Power Electronics Research and Design Assistant, Freelancer (Sep 2025 – Present)**
- **Electronics Technician Assistant Intern, Naim Electric (Aug 2025 – Sep 2025)**
- **Electronics Technician Assistant Intern, Marvel Tech (Aug 2024)**
- **Online Tutor, Our Easy Game Tutoring (Sep 2025 – Present)**
- **Online Tutor, Launch Company (Sep 2025 – Present)**
- **President, Engineering Club, Al Maaref University (Nov 2025 – Present)**
- **Vice-President, IEEE Student Branch, Al Maaref University (Nov 2025 – Present)**

Projects

- Synchronous & Asynchronous Buck Converter Design
- Boost Converter Design
- DC/AC Converter Design using center-tapped Transformer
- Analog PID Controller Implementation for DC Motor
- Digital Control for DC Motor using Arduino Mega
- Single & Three Phase Inverter Simulation using SPWM
- EMC Filter Design for AC Motor Inverter

INTERESTS

I am particularly interested in the Power Electronics and Control Systems domains, focusing on DC/DC converter design, Maximum Power Point Tracking, motor control, and microcontroller-based system implementation.