

# Bachar El Turk

Electrical Engineering graduate from Rafik Hariri University, eager to apply academic knowledge and hands-on project experience in power electronics, electric vehicle systems, generators, and energy management. Seeking an entry-level position to contribute to the design, analysis, and implementation of energy-efficient solutions aligned with industry standards and emerging technologies.

## EDUCATION

### Rafik Hariri University, Mechref – Bachelor of Engineering in Electrical Engineering

- Date: 2021 - present
- CGPA: 83.22
- Major GPA: 85.48
- Three times on Dean's Honor List
- President of SRC (Student Representative Committee)

### Majdal Anjar Official Secondary school, Majdal Anjar (Bekaa) — *Life science*

- Date: 2018-2021
- GPA: 16/20

## PROJECTS

- **Electricity-Generating Speed Bump** —Final Year Project  
Created a prototype that converts kinetic energy from vehicles into electrical energy
- **Wind Turbine** —In a renewable energy course  
It is a fan that rotates from the wind and converts this energy to an electrical energy such as lighting and charging batteries.
- **PLC programming for elevator**  
An elevator control system is responsible for synchronizing and managing all functions of elevator's service that include acceleration, deceleration, door opening speed and delay.
- **PLC programming for automated car parking system**  
The system autonomously parks and returns vehicles with time tracking.
- **Smart house security** —In an embedded system course.
- **Electrical design for a dough sheeter** —on Electrical AutoCAD
- **Intro to electrical project** – on Arduino
- **Hydraulic Brake** —in a thermal fluid course

## RELEVANT COURSEWORK:

Electric circuit	Power electronics	Programmable logic control (PLC)	Special topics in EVs	Embedded systems
Electronics	Electric system design	Electric logic control	Smart grid	Communication system
Power system	Renewable energy	Control system	Thermal fluid	EMC

Bekaa -Zahle

Majdal Anjar- Masnaa street

+961 3084079

[bashar.turk22@gmail.com](mailto:bashar.turk22@gmail.com)

[elturkbn@students.rhu.edu.lb](mailto:elturkbn@students.rhu.edu.lb)

<https://www.linkedin.com/in/bachar-el-turk-a4900b357>



## SKILLS

- Electrical AutoCAD
- Ladder language
- Arduino
- LabView
- C++
- Microsoft office
- Math skills
- Time management
- Communication
- Teamwork
- Leadership
- Problem-solving
- Organization

## LANGUAGES

- Arabic - native language
- English - fluent
- Portuguese – basic knowledge

## WORKSHOPS AND CERTIFICATES

- General electricity - CIS College
- Internship in Saccal Industries

## REFERENCES:

Available Upon Request