

# Malek A. El Mais

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## EDUCATION

- B.E. in **Electrical Engineering** at the Lebanese American University, Byblos, Lebanon September 2020 – Expected year of graduation: July 2024
- Baccalaureate in **Life Science** at Antonines Sisters School, Zahle, Lebanon September 2019 – May 2020

## EXPERIENCE

- **Independent Physics Tutor** for Grade 9 and Grade10, Zahle, Lebanon January 2022- Present

## PROJECTS

- Single-Axis Weather-Smart Solar Tracking System, Byblos, Lebanon September 2023-Present
- Generator Model and Detailed Electricity Storage Model on GAMS, Byblos, Lebanon December 2023
- Control Systems Fryer Design, Byblos, Lebanon December 2022
- Analog Home Automation System, Byblos, Lebanon April 2022
- Digital Smart Bathroom Automation System, Byblos, Lebanon December 2021

## COURSES:

- Electricity Markets, Reliability of Engineering Systems, Power Systems, Control Systems, Microprocessors, Telecommunication Systems, Electromagnetic Fields and Waves, Electrical Circuits.

## EXTRACURRICULAR ACTIVITIES:

- IEEE Member September 2023
- 180 Degrees NGO Consulting Club September 2023
- Translator from French to Arabic March 2020

## HONORS AND AWARDS:

- Dean's Honor List (01/2021 - 08/2021)
- Honors Program (03/2021 - 08/2021)

## SKILLS

- Computer Skills: **GAMS, AutoCAD, Java, Multisim, PSpice, Altera Quartus II, Eclipse IDE, EASy68K, MATLAB, Simulink, CodeWarrior IDE**
- Languages: Fluent in **English** and **French**, Native Arabic