

# Walid Hamieh

Detail oriented individual with in-depth experience in Electrical industry. I am capable of applying repair, maintenance, installation, construction project management, appropriate level of professional guidance, and effective supervision to staff to achieve project and company goals. I am seeking an opportunity in a fast-paced progressive entity where excellence is relevant.

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📍 Beirut, Lebanon

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## EXPERIENCE

**Freelancer**, Beirut — Math/Physics Tutor (2014 – Present)

- Tutoring Math and Physics to school students from all grades.

**Power & Automation Control**, Beirut — Electrician (2019)

- Designed a Power riser diagram using ABB e-design software.
- Designed the lighting system using Dialux software.
- Drafted AutoCAD files of the following systems: Power, Lighting, Fire alarm, Access control, CCTV and Public address.
- Calculated and installed UPS batteries.
- Examined installations and observed operations to ensure conformance to design and equipment specifications.

## EDUCATION

**Lebanese University- Faculty of Science**

**Research Master 2 (STIP)** (2021- Present)

Research Master 2 degree in Signal Telecommunication Image Speech (STIP) gives advanced theoretical knowledge in the areas of analysis, processing and transmission of signals, images and speech and consolidates the vision of a complete transmission chain for which signal, image and speech are the vectors of information.

**Professional Master 2 (FEME)** (2018-2019)

Professional Master 2 degree in Electromechanical Engineering offers advanced study of electrically operated mechanical devices.

**Master 1** (2017-2018)

Master 1 degree in telecom offers an in-depth training in Telecom.

**Bachelor** (2015-2017)

Bachelor in Electronics.

## EXTRACURRICULAR ACTIVITIES

**Member of Al Kafaat Association**

Caring for People with Special Needs

## CERTIFICATES & SKILLS

**LabVIEW**

Certificate CLAD (Certified LabVIEW Associate Developer).

Master 2 mini-project in Realisation of Motion Detection via WEB CAM.

**AutoCAD**

Worked on panel boards design at the design department in PAC company.

**ETS5/KNX**

Worked on an individual project by implementing and programming a smart home.

**ABB Automation Builder**

Programmed an ABB PLC implemented in a synchro panel for 3 generators.

**Matlab/Simulink**

Realization of AM and FM filters using Matlab, realization of a stepper motor driver (university project).

**Mplab**

Programming simple microprocessor 16F board. (University project).

**C/C++**

Multiple university mini projects.

**DIALux**

Designed the lighting system of Rafic Hariri Airport.

## LANGUAGES

✓ Full Proficiency in Arabic

✓ Intermediate Proficiency in English

✓ Intermediate Proficiency in French