

AHMAD EL HARIRI

Skills

- C++
- Matlab
- Electrical AutoCAD
- Documentation and Reporting
- Microsoft Office Suite (Excel, PowerPoint, Word)
- Debugging and Testing

Work Experience

ENGINEERING INTERNSHIP – Jubaili Bros

May 2023 – July 2023

- Assembled a **panel** from scratch including preparation and manipulation of all its components.
- Learned about the **whole generator system**.
- Assembled and tested a system consisting of a generator and an electrical control panel.
- Investigated **sites for solar project** and calculated the **best load covering**.
- Priced customer orders based on different technical criteria.

PRIVATE TUTOR

January 2022 – Present

- Assisted students with their projects, including designs, and implementation.
- Taught different subjects including **Numerical Analysis, Linear Algebra, Probability, and Ordinary Differential Equations**.

VOLUNTEER – Lebanese Red Cross

March 2023 - Present

- Collaborated seamlessly with a **diverse team** of disaster management professionals to ensure efficient and effective emergency response.
- **Prepared sites** for distribution and use of logistics equipment.

Projects

EMERGENCY RESPONDERS SMART MONITORING SYSTEM – Summative Learning Project

September 2023 – April 2024

Researched about the topic to **identify problems** and propose solutions to be implemented.

Gathered data from emergency responders to **identify key pain points** and act upon them.

Developed a **preliminary design** for a novel engineering **prototype**.

Certifications

LOW CURRENT DESIGN – Arab International Academy

March 2024

- 15 hours covering **Fire-Alarm Systems, IP CCTV Systems, Access Control Systems, and IP TV Systems**.

ELECTRICAL DESIGN FOR BUILDINGS – Arab International Academy

December 2023

- 30 hours covering **lighting systems, power systems, mechanical power load, and more**.

Education

BACHELOR OF ENGINEERING – Rafik Hariri University – Mechref, Lebanon

September 2020 – May 2024

Major: Electrical Engineering

Other

- **Languages:** Arabic (Native), English (Fluent), French (Fluent)