

Mohamad Nabil Lamaa

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Nabatieh, Lebanon

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Education

Master's degree

Lebanese University-Faculty of Technology

09/2020-12/2022

Saida, Lebanon

Specialization:

- Communications Systems Engineering.

BE in Computer Networks and Communications Engineering

Lebanese University-Faculty of Technology

09/2017 - 08/2020

Saida, Lebanon

Lebanese Baccalaureate - General Sciences

Al Sabbah High School

07/2016 - 07/2017

Nabatieh, Lebanon

EXPERIENCES

TEACHER

- Instructor at AI NOUR Academic Institute

Math, Physics, Electronics and electricity.

2021- Current

Nabatieh, Lebanon

PROFESSIONAL INTERNSHIPS

- Beirut International Airport

07/2019 - 08/2019,

Beyrouth, Lebanon

Civil Aviation administration department.

- Tetradcom

05/2021 - 06/2021

Internship in Paul Arkash's factory with the Tetradcom team (fiber optics).

- Karma engineering group

2017 - 2019

Nabatieh, Lebanon

AutoCAD, Construction licenses.

PROJECT

Final year project of Master 2:

- Advanced Signal Processing Techniques for Fetal ECG Detection

Master 2 Project (2021-2022):

- Hand signs recognition (using machine learning algorithms)
- Acne face region detection (biosignal)

Master 1 project (2020-2021):

- Wearable Antennas.

Final year project of BE:

- Portable antenna to detect breast cancer.

QUALIFICATIONS AND SKILLS

- Web development: HTML, CSS, Javascript and PHP.
- Relational Database : SQL Server.
- VHDL, Arduino.
- Object-oriented programming: C++, C#.
- Python Programming Language.
- JAVA Programming Language
- Configuration router, switch, IP addressing and subnetting.
- Antennas simulation using CST, HFSS and PCAAD.
- Simulation of electromagnetic circuits using ADS, Proteus and Multisim.
- Digital Signal Processing : MATLAB.
- Practical realization and studies of the different types and characteristics of filters and antennas.
- Landing system study.
- Practical realization of fiber optic systems.
- Configuration and installation of surveillance cameras.
- AutoCAD

LANGUAGES

Arabic | French | English