

# AMANI AL HASSANIEH

---

Ain Wazein - Lebanon | +961 3 485 553 | [amanih.168@gmail.com](mailto:amanih.168@gmail.com)

## EDUCATION

**BACHELOR IN ELECTRONICS & COMMUNICATION ENGINEERING | 2019 | FACULTY OF ENGINEERING BRANCH III – LEBANESE UNIVERSITY**

**LEBANESE BACCALAUREATE (GENERAL SCIENCES) | 2014 | SHOUF NATIONAL COLLEGE**

## EXPERIENCE

**RESEARCH INTERN | ESIEE – PARIS, ESYCOM LAB | APR 2019 – JUN 2019**

DIGITAL PREDISTORTION ALGORITHMS FOR THE LINEARIZATION OF POWER AMPLIFIERS Project: Research, simulation, implementation and experimental validation of a digital predistorter

**APPLICATION ENGINEER INTERN | NATIONAL INSTRUMENTS | JUL 2018 – AUG 2018**

Two months program: RADIO DATA SYSTEM (RDS) Project

**LABVIEW STUDENT AMBASSADOR | NATIONAL INSTRUMENTS - LEBANESE UNIVERSITY | 2017 – 2018**

LabVIEW Core 1 & Core 2 Tutoring

## TECHNICAL SKILLS

### PROJECTS

- Digital Predistortion Algorithms for the Linearization of Power Amplifiers | Final Year Project (using NI USRP RIO 2954R & LabVIEW NXG)
- Planning, Designing and Dimensioning of PSTN & NGN Networks with DSL Simulation
- Radio Data System (using NI USRP & LabVIEW Communications)
- Product Identification for Blind People (using LabVIEW)
- Heart Attack Detection by Heart Rate Monitoring (using Arduino NodeMCU)

### CERTIFICATES

- Certified LabVIEW Associate Developer (**CLAD**)
- Cisco Certified Network Associate I (**CCNA I**)
- Design Thinking & Business Development – Impact Lab held by **NAWAYA**
- Head Start Program & Personal Finance Program by **INJAZ**

### SKILLS

Advanced LabVIEW/LabVIEW Communications, C/C++ Languages, Java, Arduino, AutoCAD, Revit, Proteus, MPLAB, MySQL, HTML, MATLAB, Microsoft Office (Word, PowerPoint, Excel)

### LANGUAGES

Arabic (native), English (fluent), French (good)

## LEADERSHIP & VOLUNTEERING EXPERIENCE

**IEEE member** | Lebanese University | 2017 – 2018

**Lebanese Red Cross – Youth Department volunteer** | Lebanese University | 2016 – 2019

**SAMA Club member** | Lebanese University | 2015 – 2018

**Ain Wazein Environmental Club (Former Vice-President)** | Ain Wazein – Shouf | 2014 – Present

**Model United Nations Delegate** | Lebanese American University | 2012 – 2013

## REFERENCES

Available Upon Request