# Hussein Abbani

**Birth** February 19, 1996
**Address** Saleem Salam, Beirut
**Phone** +96171210237
**Mail** hussein.a.abbani@hotmail.com

## Education Background

### Beirut Arab University

Master's Degree in Communication Engineering 2018 – present
**Graduation: December 2020**

Bachelor of Communication & Electronics Engineering 2014 - 2018
**Grade Point Average Cumulative GPA –3.89**
1st rank among Communication and Electronics Engineers

## Academic Qualifications and Awards

### Awards and Certificates

**Implementing the MYP curriculum (Cat.1) (2019)**
**Imagine Cup by Microsoft:** Top Finalists (March 2017)
**Internet of Things Award by Alfa and Ericsson:** 2nd place (Feb. 2017)
Project: Real-Time Health Monitoring System Based on Internet of Things
Design an Arduino based health care device capable of measuring the heart rate, body temperature, fire alerts and others then displaying these data on a dashboard for real-time monitoring

### Research

Cognitive Radio System Using Arduino Research (Sep. 2017):
System of frequency reconfigurable antennas controlled via Arduino to enhance the spectrum efficiency by benefiting from the empty and unused frequencies

## Work Expertise

*Wellspring Learning Community (IB School)*
*Middle Year Program Digital Design Teacher*
*Arduino Courses*
Lecturer: Arduino courses in different levels (2017-2020)
*Centre International des Sciences Techniques (C.I.T)*
*Instructor: Arduino course for BT2 and BT3 (automobile mechanics and electricity)*
*Hassan Kassir High School*
*Instructor: Robotics and technology program (2018-2019)*
*American University of Beirut (AUB) Science Fair*
Judge: Technology and Science Category for elementary and secondary students (April 2018)
*Beirutronics E-Commerce Website*
Cofounder of Beirutronics online electronics store (September 2017)
*Nerd Lebanon Competitions*
Coach: Line Tracking Competition (March 2018, November 2018)
*Near East Engineering & Development Services (NEEDS)*
*Trainee: Advanced Metering Infrastructure (2017)*

## Activities and Skills

**Software Proficiency:** HTML5, CSS, JavaScript, C Language, C++, MPLab (Assembly Language), Microsoft Office, E-Commerce, Wordpress

**Experience:** Arduino Systems

**Languages:** Arabic (fluent) - English (fluent)

## References

Hilal El Misilmani - Assistant Professor - Beirut Arab University - h.elmisilmani@bau.edu.lb

Mirna Raslan - Principal - Wellspring Learning Community - mirnar@wellspring.edu.lb

Mohammad Beiruty - Robotics Expert - Nerd Lebanon - beiruty1981@hotmail.com