



# Nicolas Attieh

## Electrical Engineering Student

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## Education

- **Diploma of Electrical Engineering - Industrial Systems** (Expected : June 2020)  
Saint-Joseph of Beirut, Faculty of Engineering - ESIB
- **Baccalaureate in general sciences** (June 2015)  
Collège du Sacré Cœur, Gemmayzeh

## Pre-Professional Experience

- **Final year project** : Update of a delta robot industrial PC and addition of a new axis - Sponsored by I.Network Automation (January - May 2020)
  - Update all previous tasks to the new industrial PC (image processing, control, TCP connection...)
  - Control the conveyor in closed loop
- **Internship at MAN Enterprise** (July - August 2019)  
On site at District S Project
  - Checking shop drawings and quantity take off
  - Site follow up for electrical workHead Office with Hausman (Facility Management)
  - Update as built drawings
  - Equipment validation and barcoding
- **Multi-disciplinary project** : Smart heating fan (March - May 2019)
  - Design and execution of an IOT fan controlled by a mobile application
  - Cooperated with software engineering students to design the mobile application
- **Microprocessor project** : Multi-use card for home automation (December 2018 - January 2019)
  - Programming a microchip (pic18F) using assembly language, this project is to send feedback of a room temperature, EDL or generator presence, fuel level and control a relay
- **Internship at C.A.T. proposal and tender department** (July - August 2018)
  - Prepared electrical take-off for oil and gas projects
  - Communicated with senior engineers to plan my tasks
  - Documents reading
- **Internship at E.C.S : assembly of panel boards** (June 2018)

## Technical Skills

- Programming languages : Python - C++ - Assembly – Basic knowledge in Java
- Microcontroller programming in : C++ - Python - Assembly
- Concepts : OOP - IOT - Data structures - Sorting algorithms - Design patterns

## Personal Skills

- Good written and verbal communication skills (Arabic, French and English)
- Highly organized and efficient
- Ability to work independent or as a part of a team

## Extracurricular Activities

- Ranked first in the Build It Weekend 3.0 hardware hackathon organized by IEEE AUB branch
- Host at Select Agency
- Private lessons tutoring: Mathematics – Physics - Chemistry
- Hobbies : hunting - billiard - badminton - hiking