

# ALI HUSSEIN KARKABA

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## OBJECTIVE

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Adaptable and innovative Electro-Mechanical Engineer freshly graduated and ready to enter the workplace. Looking for a challenging and rewarding role in an organization where I can apply my capabilities and skills, while learning how to overcome professional challenges. Along with developing my expertise and acquiring workspace experience, I hope to widen my scope on the different fields of my domain which will help me narrow down the decision of my Masters choice.

## EDUCATION

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2015 – 2019	<b><u>American University of Science and Technology</u></b> Bachelor of Sciences in Mechatronics Engineering Graduation Date: June 2019 Relevant Courses Taken: <ul style="list-style-type: none"><li>○ Calculus III</li><li>○ Differential Equations</li><li>○ Engineering Physics</li><li>○ Circuit Analysis I &amp; II</li><li>○ Digital Systems (and laboratory)</li><li>○ Embedded Systems</li><li>○ Microprocessors</li><li>○ Java 1 &amp; 2</li><li>○ Digital Signal Processing</li><li>○ Thermodynamics and Heat Transfer</li><li>○ Mechatronics (and workshop)</li><li>○ Robotics (and workshop)</li><li>○ Automotive Engineering</li></ul>	Beirut, Lebanon
2010 – 2013	<b><u>College des Soeurs des Saints Coeurs</u></b> Lebanese Baccalauréat II	Hadath, Lebanon
2002 – 2010	<b><u>College des Soeurs des Saints Coeurs</u></b> Lebanese Baccalauréat I	Hadath, Lebanon

## WORK EXPERIENCE

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- **Internship Experience as an Electronics Engineer:** **July 2017 – September 2017**  
Raymond Feghali Co.  
Roumieh old main Road-Industrial zone Beirut – Lebanon  
E-mail: [info@raymondfehalico.com](mailto:info@raymondfehalico.com)  
  
Learning outcomes:
  - Familiarized with the standard industrial products in automation and power transmission, electrical motors, gearboxes, pneumatics and hydraulic components, handling and plant equipment in addition to weighing products and lifting tools.
  - Attended various projects under active engineers including automated villa pool night time shielding and automatic light adaptable modern apartment curtains

- **Internship Experience as a Mechanical Engineer:**

**August 2018– September 2018**

RYMCO

Chiyah Blvd– Lebanon

E-mail: [melissa.alhajj@rymco.com](mailto:melissa.alhajj@rymco.com)

Learning outcomes:

- Introduced to new mechanical concepts and how they can be applied to our on-going capstone projects.
- Given a brief knowledge on operating PLC machines as well as conveyor belt timings and robotic arms task coding ( CNC machine language).
- Shadowed mechanical engineers during their work process on a given project going from the design phase to testing and implementation.

## **SKILLS SUMMARY**

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### **Technical Skills:**

- Autodesk Inventor
- C++
- G-Code
- Java
- MS Office
- PLC

### **Languages:**

- Arabic: First language
- French: Second taught language, DELF B2 holder
- English: TOEFL holder
- German: Goethe A2 Zertifikat holder

**Soft Skills:** Leadership, Communication, Organization, Dedication, Determination, Hardworking, Social.

## **CERTIFICATES**

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- Certified LabVIEW Associate Developer (CLAD) – AUST 2017
- Arduino Robotics Summer camp– AUST 2018

## **MEMBERSHIPS**

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- ASME (American Society of Mechanical Engineering): 2013-2015
- IEEE Engineering Undergraduate Member: AUST February 2015 – present

## **REFERENCES**

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- References can be furnished upon request.