

## Maria Naser El Khoury

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### EDUCATION

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| From 09/19 to present | <b>American University of Beirut</b><br>Bachelor of Engineering in Mechanical Engineering<br>Expected Date of Graduation: December 2023<br>GPA 3.75/4    Listed three times on Dean's Honor List<br>Awards: USAID Full Scholarship | Beirut, Lebanon     |
| From 09/17 to 09/19   | <b>Lycée Officiel Kfardebian</b><br>Lebanese Baccalaureate: Official in 2019<br>Mention Tres Bien  | Kfardebian, Lebanon |

### EXPERIENCE

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| May 30/22 to July 4/22 | <b>Dar Al-Handasah Intern</b><br><ul style="list-style-type: none"><li>• Worked on shop drawings in the district cooling department</li><li>• Assisted in feasibility studies and financial analysis about the potential of district cooling plants projects</li><li>• Attended trainings about HVAC</li></ul> | Beirut, Lebanon |
| July 4/22 to Aug 12/22 | <b>Middle East Airlines Intern</b><br><ul style="list-style-type: none"><li>• Attended trainings about the manufacturing and maintenance of Airbus aircrafts</li><li>• Visited the shops and hangars at MASCO</li></ul>  | Beirut, Lebanon |
| From 01/22 to present  | <b>Manufacturing Lab Assistant at AUB</b><br><ul style="list-style-type: none"><li>• Helped students with 3D printing and simple manufacturing techniques</li></ul>  | Beirut, Lebanon |
| From 10/20 to present  | <b>Research Assistant at AUB</b><br><ul style="list-style-type: none"><li>• Worked on MATLAB image processing codes</li><li>• Analyzed corrosion in pipelines</li></ul>  | Beirut, Lebanon |

### VOLUNTEERING

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| From 01/20 to 31/22 | <b>AIIESEC in Beirut</b><br>Position Held: Team Leader in Sales<br><ul style="list-style-type: none"><li>• Launched a Local Volunteer Initiative</li><li>• Worked on a market research analysis of a product</li><li>• Participated in several MENA conferences</li></ul> | Beirut, Lebanon |
| From 09/20 to 04/21 | <b>MMKN NGO</b><br><ul style="list-style-type: none"><li>• Tutored physics to grade 8 and 9 public school students</li></ul>  | Beirut, Lebanon |
| From 10/20 to 11/20 | <b>Youth Association of the Blind</b><br><ul style="list-style-type: none"><li>• Created reading content for disabled children</li></ul>  | Beirut, Lebanon |

## **PROJECTS ACCOMPLISHED**

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- Mechanical Design Project: Identified potential failure in a Legpress Machine. Performed stress analysis and improved the design of the machine to increase the factor of safety.
- Engineering Materials: Examined Impact testing for different metallic and plastic materials.
- Instrumentation Project: worked on a LabVIEW program and a LDR sensor to operate three LEDs and a motor using MyDaq.
- Mechanics of Machines Project: Designed and Manufactured a “Fruit Picker” mechanism in order to improve the agricultural field in the harvesting season.
- Community Service Project (ongoing): Raising awareness about the importance of renewable energy, recycling, and ecofriendly practices among youth. Organizing workshops about solar panels and hands-on practices.

## **SUMMARY SKILLS**

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**COMPUTER SKILLS:** AutoCAD, Creo, inventor, MATLAB, Python, LabVIEW, Microsoft Office.

**LANGUAGES:** Arabic(native), English(fluent), French(fluent).

**SOFT SKILLS:** Leadership, Communication, Team building, Organizational, Management

**TECHNICAL SKILLS:** Surveying, Business Model Canvas.