

**Nadine El Daher**

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**Profile**

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**EDUCATION**

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| <b>From 08/20 to present</b> | <b>American University of Beirut</b><br>Graduate Diploma in Building Energy Systems                                                                                                              | Beirut, Lebanon |
| <b>From 08/16 to 06/20</b>   | <b>American University of Beirut</b><br>Bachelor of Engineering, with Emphasis on Mechanical Engineering<br>Date of Graduation: June 2020<br>Graduating GPA: 3.7/4.0, graduated with distinction | Beirut, Lebanon |
| <b>From 10/02 to 06/16</b>   | <b>Collège du Sacré-Coeur - Gemmayzeh</b><br>Lebanese Baccalaureate, with Emphasis on General Sciences<br>French Baccalaureate, with Emphasis on Mathematics                                     | Beirut, Lebanon |

**EXPERIENCE**

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| <b>From 07/19 to 08/19</b> | <b>Kamal J. Sioufi and Associates</b><br>Position held: Trainee <ul style="list-style-type: none"><li>Assisted to the mechanical works in Tower 44, Dekwaneh</li><li>Performed the mechanical design of a residential apartment (water supply, drainage, ventilation, heating, cooling, and firefighting)</li></ul> | Beirut, Lebanon |
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**PROJECTS ACCOMPLISHED**

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- Arduino radar system
- Balancing a rotary inverted pendulum
- Design of a gear system for an internal combustion engine
- Optimization of a vapor compression refrigeration system
- Design of a sensor for very thin oil thicknesses measurement
- Design of a solar-powered absorption refrigeration system
- Design of a vapor-compression refrigeration system

**SKILLS**

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**Languages:** Fluent in English, Arabic and French with basic knowledge in Spanish and Italian

**Computer Skills:** MS Word, Excel, PowerPoint, Creo parametric, AutoCAD, Solidworks, LabVIEW, MATLAB, Simulink, Arduino, CES edupack, ANSYS, EES, Python, HAP, Ductulator

**Technical Skills:** Technical writing, Mechanical Design, Optimization, Programming

**Soft Skills:** Communication, Teamwork, Adaptability, Time Management, Problem-Solving, Responsibility