

CLEA RITA AL HADDAD

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Education

<b>Lebanese American University (LAU)</b> Bachelor’s degree in Mechanical Engineering, GPA of 3.80/4.00 <ul style="list-style-type: none"><li>Dean’s Distinguished List every semester</li><li>Recipient of the Honor Scholarship (awarded to 7 out of 200+ students yearly)</li></ul>	<b>08/2019 – 06/2023</b> Byblos, Lebanon
<b>Collège des Sœurs des Saints Cœurs (SSCC) – Kfarhbab</b> Lebanese Baccalaureate II – General Science <ul style="list-style-type: none"><li>Graduated with high distinction (First of Class out of 120+ students)</li></ul>	<b>09/2005 – 06/2019</b> Ghazir, Lebanon

Skills

<b>Software Technologies:</b> MATLAB, SOLIDWORKS, AutoCAD, EES, Excel, JAVA
<b>Languages:</b> Fluent in English, French, and Arabic
<b>Extracurricular:</b> Professional Dancer (2004 – Present), Professional Swimmer (2006 – Present), and Pianist (2013 – Present)

Experience

<b>BMW – Bassoul Heneine Garage</b> Automotive Internship <ul style="list-style-type: none"><li>Mastered the advanced level of expertise in Automotive Chassis, Suspension, IC Engines, and Turbocharger Design</li><li>Assembled and disassembled various engines and automobile component in both Renault and BMW garages</li></ul>	<b>12/2021 – 01/2022</b> Baouchrie, Lebanon
<b>American Society of Mechanical Engineers (ASME) – LAU Student Branch</b> Member at Large <ul style="list-style-type: none"><li>Organized conferences for 150+ members: Engineering Week, Fire Alarm System, Renewable Energy</li><li>Contacted professional speakers and set up workshops: Biomedical Engineering, Automotive Day, EV Electra</li><li>Planned and gathered sponsorships through 7+ funding bodies</li></ul>	<b>08/2020 – Present</b> Jbeil, Lebanon
<b>Admission Office Employment (LAU)</b> Office Assistant <ul style="list-style-type: none"><li>Structured student data (grade distribution) on Excel using statistical methods</li><li>Advised students and provided relevant admission and administrative information (deadlines, workshops)</li></ul>	<b>09/2019 – Present</b> Jbeil, Lebanon
<b>SUCCESS Education Center</b> Private Tutor and Lecturer <ul style="list-style-type: none"><li>Taught 120+ hours of High School Math, Physics, and SAT English to university and Grade 8 – 12 students</li></ul>	<b>10/2020 – Present</b> Jounieh, Lebanon
<b>Swimming Coach, <i>Freelance</i></b> <ul style="list-style-type: none"><li>Taught 5 days a week a group of 15-20 children and gave private lessons.</li></ul>	<b>06/2018 – Present</b>

Projects

<b>Car Engine Model – CAD Project</b> <ul style="list-style-type: none"><li>Modeled a V6 Engine using Computer-Aided Design and SOLIDWORKS and animated the mechanical parts of the assembly</li><li>Scored 97/100 and ranked 4<sup>th</sup> out of 60+ students</li></ul>	<b>09/2020 – 12/2020</b>
<b>Recycle Bin Model – Kinematics Project</b> <ul style="list-style-type: none"><li>Designed and modeled a fully functional recycle bin, by selecting materials (blades, belts) to optimize for user-friendliness, energy-efficiency, and sustainability</li><li>Calculated physical metrics (displacements, velocities), and analyzed them on MATLAB plots to study slider-crank trajectories</li><li>Received distinction and ranked 6th among 20 projects</li></ul>	<b>04/2021 – 05/2021</b>
<b>Lebanese Scout Association (GDL), Group SSCC Kfarhbab   Chief Scout Present</b> <ul style="list-style-type: none"><li>Supervised 40 girl scouts aged between 8 and 13 years</li><li>Participated and organized social work on all scales, food donations, reconstruction programs and shelter campaigns</li><li>Collaborating with two assistants, relying on professional communication and teamwork, and organizing weekly meetings and trips</li></ul>	<b>10/2009 – Present</b>

Accomplishments

<b>“Intro to AI” hands-on Workshop</b> <ul style="list-style-type: none"><li>Got in touch with artificial intelligence and tackled both the basics of how Computer Vision algorithms work as well as practical coding of a Computer Vision Model</li></ul>	<b>October 2021</b>
<b>Robotics Competition (Engineering Scholarship Award)</b> <ul style="list-style-type: none"><li>Designed and optimized a wooden structure with four legs using selected wood materials, to sustain stress tests</li><li>Ranked 4<sup>th</sup> among 70 participants</li></ul>	<b>September 2019</b>

Extracurricular Activities

Member of the Lebanese Swimming Team (Safra Marine) presented Lebanon in the Arab Championships	<b>2010 – Present</b>
Member of the LAU swimming team and nominated the Rookie of 2019 – 2020	<b>2019 – Present</b>
Official member of the Track and Field Team School	<b>2013 – 2018</b>
Professional ballet dancer in Classical, Jazz, and Contemporary (4-hours weekly sessions)	<b>2006 – Present</b>