



LinkedIn Profile

# TAREK A. KAMBRIS

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## EDUCATION

<b>American University of Beirut (AUB)</b> <i>Bachelor of Mechanical Engineering</i> GPA: 3.02/4 ( <i>Deans Honor List Spring 2019</i> ) Relevant Courses: Thermodynamics, Fluid Dynamics, Machines, Mechanics of Materials, Computer-Aided Drawing, Digital System Analysis	<b>Beirut, Lebanon</b> Jun. 20
<b>Hariri High School II (HHS2)</b> <i>Lebanese Baccalaureate – General Sciences</i>	<b>Beirut, Lebanon</b> Jun. 15

## WORK EXPERIENCE

<b>Future Pipe Industries – Manufacturing Factory</b> <i>Project Engineering Intern</i>	<b>Dubai, UAE</b> June. 19 – Aug. 19
<ul style="list-style-type: none"> <li>Worked closely with senior management and gained exposure to the manufacturing process from inquiry to installation.</li> <li>Reduced production cycle time by 14% after analyzing performance and reengineering machine utilization.</li> <li>Formulated a cost reduction report by researching and benchmarking potential alternatives for hardeners.</li> </ul>	
<b>Automate – Automation Engineering</b> <i>Automation Engineering Intern</i>	<b>Mount Lebanon, Lebanon</b> Aug. 18 – Sep. 18
<ul style="list-style-type: none"> <li>Designed HMI software for machines in production plants for leading production companies in Lebanon.</li> <li>Conducted a final research and design report for the solar system to be installed in the company's workshop including panel and supplier selection.</li> </ul>	
<b>Consult – Engineering Consultancy Firm</b> <i>Value Engineering Intern</i>	<b>Beirut, Lebanon</b> Dec. 17 – Jan. 18
<ul style="list-style-type: none"> <li>Built the design process and recommended economical cuts to 3 projects (one airport and two hospitals in KSA).</li> <li>Formulated a feasibility report using TVR5G to assess the consumption of air-handling units.</li> <li>Evaluated a BMS plan and conducted a financial budget for SCADA systems maps for a hospital in KSA.</li> </ul>	
<b>Serum Products Group – Manufacturing Plant</b> <i>Maintenance Intern</i>	<b>Shouifat, Lebanon</b> Jul. 17 – Aug. 17
<ul style="list-style-type: none"> <li>Headed the preventative maintenance for 35 machines (production, packaging and sterilization).</li> <li>Owened the external communication with Cummins regarding annual maintenance and spare parts for 750 KVA diesel powered engine.</li> </ul>	

## EXTRACURRICULAR ACTIVITIES

<b>AUB Outdoors – AUB</b> <i>Vice Executive</i>	<b>Beirut, Lebanon</b> Sept 18 – June 19
<ul style="list-style-type: none"> <li>Oversaw safety, security and experience of a 24,000-attendee festival.</li> <li>Introduced new a safety strategy reducing conflicts by 65% while leading a team of 210 volunteers.</li> <li>Designed and conducted rescue and evacuation plans with the Red Cross and AUB Protection office.</li> </ul>	
<i>Sub Team Leader of Safety</i>	Oct 17 – May 18
<ul style="list-style-type: none"> <li>Implemented new safety strategy that enhanced attendee feedback and team optimization. Led and managed a team of 30 student volunteers to handle the safety measures.</li> </ul>	
<i>Safety Team Member</i>	Feb. 15 – May 17
<ul style="list-style-type: none"> <li>Communicated with the Red Cross team on sight and took the necessary measures in case of health incidents.</li> </ul>	
<b>Varsity Sports – AUB</b> <i>Handball Team Player</i>	<b>Beirut, Lebanon</b> Oct. 16 – Dec. 18
<ul style="list-style-type: none"> <li>Finished 3rd place in the University League.</li> </ul>	
<b>Computer Science and Mathematics Department – AUB</b> <i>Freelance Tutor</i>	<b>Beirut, Lebanon</b> Mar. 16 – Present
<ul style="list-style-type: none"> <li>Aided Computer science sophomore students in Introduction to Programming (Java) and Linear Algebra courses.</li> <li>Educated high school students scientific subjects including mathematics and physics.</li> </ul>	

## SKILLS AND LANGUAGES

<i>Languages</i>	English (Full Proficiency) and Arabic (Native Proficiency)
<i>Computer</i>	Microsoft Office, Java, Labview, MATLAB, Simulink, Creo, AutoCAD, TVR5G, Solidwork