

## Abdullah Karakira

Beirut, Lebanon

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### PROFESSIONAL SUMMARY

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Aspiring to land a venerable job in which I can employ and stretch my mechanical engineering capabilities and attain experience. I am an individual with excellent communication skills, enthusiastic about researching new ideas, very flexible to working conditions, and above all, very determined with a high level of professionalism, enthusiasm, and dedication to the work.

### EDUCATION

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|------------------------------|---|-----------------|
| <b>Jun. 2019 – Ongoing</b>   | <b>Lebanese American University</b><br>Bachelor's in Mechanical Engineering<br>Expected Date of Graduation: Summer 2024<br>Cumulative GPA: 3.90/4.00<br>Dean's Honor List | Beirut, Lebanon |
| <b>Sep. 2005 – Jun. 2019</b> | <b>Islamic Culture School</b><br>Lebanese Baccalaureate, General Sciences: Official in 2019<br>Ranked 4 <sup>th</sup> in Beirut and First in School                       | Beirut, Lebanon |

### Technical Projects

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- Remotely controlled sprinkler irrigation (LabView/Excel/SolidWorks)
- Quadcopter Prototype (SolidWorks)
- Design of a CPU array of fins (SolidWorks)
- Modeling of a flow control valve filling a container (MATLAB/Simulink)
- Design of a double pipe heat exchanger (ANSYS/EES)

### EXTRACURRICULAR ACTIVITIES

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|----------------------------|--|-----------------|
| <b>Aug. 2020 – Ongoing</b> | <b>Damage Assessment after the Beirut Port Explosion</b> <ul style="list-style-type: none"><li>• Teamed with different NGOs, including Nusaned, Lebanon of Tomorrow, and the Lebanese Army to distribute food, help people, and assess the damages</li></ul> | Beirut, Lebanon |
| <b>Jan. 2020 – Ongoing</b> | <b>Private Tutor</b> <ul style="list-style-type: none"><li>• Acquired time management skills via tutoring</li><li>• Taught math and mechanical engineering courses, including Calculus III, Fluid Mechanics, Thermodynamics, and Heat Transfer.</li></ul>    | Beirut, Lebanon |
| <b>Sep. 2021 – Ongoing</b> | <b>American Society of Mechanical Engineers at LAU</b> <ul style="list-style-type: none"><li>• Position held: Active Member</li><li>• Participated in many volunteering activities</li></ul>   | Jbeil, Lebanon  |

### SUMMARY SKILLS

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**COMPUTER SKILLS:** SolidWorks, LabView, ANSYS, ESS, Java, CNC G-Code & M-Code, Excel, Word, PowerPoint, AutoCAD, Simulink, and MATLAB.

Certified Associate – Mechanical Design (CSWA)



(For CSWA)

**LANGUAGES:** Fluent in Arabic and English with basic knowledge in German.