

Mohamad Al Masri

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Education

Bachelor of Engineering | AMERICAN UNIVERSITY OF BEIRUT | 2023

- Major: Mechanical Engineering
- Recipient of the Mamdouha El Sayed Bobst full scholarship
- Graduated with distinction | GPA: 3.52

Lebanese baccalaureate | 2019 | Rawdat Al Fayhaa secondary school

Rank: 10th in state

Work Experience:

Research assistant at the American University of Beirut | July 2022-August 2022 (Internship)

- Cooperated with a professor and a team of research students to design an augmented reality model for use in planning and scheduling in the construction industry, using Revit, Unity, and AR foundation.
- Identified discrepancies between design and implementation on construction site, prioritized these errors for adjustments and advised on the proper corrections.

Projects

- ASHRAE 2022:
Cooperated with the Masri institute to organize the ASHRAE 2022 Conference at AUB.
- Office Ventilation:
Modeled and compared different ventilation systems for an office building using Ansys.
- E-Bike:
Designed an e-bike conversion kit that is compatible with local needs and capabilities.

Skills & Abilities

- Languages: Fluent in Arabic, English, and proficient in French
- CAD & CFD: Proficient in Ansys, Creo, Inventor, AutoCAD, and SolidWorks.
- Coding: Python and MATLAB.
- Other: LabVIEW, Simulink, and Microsoft Office.

Certificates

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| • 'Getting Started with Python' from the University of Michigan (Coursera) | November 27, 2020 |
| • 'Python Data Structures' from the University of Michigan (Coursera) | December 25, 2020 |
| • 'Project Management' from the University of California, Irvine (Coursera) | December 21, 2020 |
| • 'Time Management for Personal & Professional Productivity' from the University of California, Irvine (Coursera) | November 5, 2020 |