

Ayman GARZIDIN

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FRESH MECHANICAL GRADUATE PURSUING A CHALLENGING POST TO LEVERAGE MY COMPETENCY.

Jourmana Rayyes Bldg, Al Wata St., Aley, Lebanon

Brazilian Nationality

KEY SKILLS

- Computational Fluid Dynamics simulations with ANSYS Fluent
- Finite Element Analysis simulations with MSc Patran
- MEP and HVAC systems

CAD SOFTWARES

- CATIA V5
- SolidWorks 3D
- AutoCAD
- MSc Adams

PROGRAMMING SOFTWARES

- MATLAB
- C++

WORK EXPERIENCE

MECHANICAL INTERN, June 2022 – July 2022

- Performed load and HVAC calculations.
- Completed basic introductions and trainings from HVAC, Firefighting, CFD, & Waste Management departments.

DAR AL HANDASAH
Beirut, Lebanon

UNIVERSITY AMBASSADOR, February 2022 – June 2022

Doubled the number of university users of Localized, a platform connecting recent graduates with employers and industry experts. Usage has transitioned from 400 to over 800 in less than 3 months with a promotional strategy through clubs and the university administration.

LOCALIZED
Remote Work

MECHANICAL INTERN, June 2021 – August 2021

- Accomplished full GM™-certified technical training of mechanical vehicle treatment.
- Completed more than 30 data entries per day of customer inquiries.
- Functional and organisational study of the company (organisational chart, roles, and responsibilities).

AL TAWKILAT
Dhahran, Saudi Arabia

EDUCATION

MECHANICAL ENGINEERING, September 2017 - May 2023

- Bachelor of Science with ABET accreditation.
- Bachelor of Engineering.

UNIVERSITY OF BALAMAND
Koura, Lebanon

SMALL TESLA TURBINE DESIGN, B.E. graduation project, January 2022 – May 2023

- Conducted literature review, parametric design, Bill of Materials, and payback period.
- Performed simulations on Computational Fluid Dynamics with ANSYS Fluent, and structural analysis with MSc Patran.

UNIVERSITY OF BALAMAND
Koura, Lebanon

VERTICAL AXIS WIND TURBINE DESIGN, B.S. Graduation Project, January 2021 – December 2021

- Conducted literature review, benchmarking, Bill of Materials, and payback period.
- Performed CAD drawings, and Computational Fluid Dynamics simulations on ANSYS Fluent.

UNIVERSITY OF BALAMAND
Koura, Lebanon

INSTITUT SUPÉRIEUR DE L'AUTOMOBILE ET DE TRANSPORT (ISAT), September 2015 – June 2017

Intensive two-year engineering preparatory classes.

ENGINEERING PREPARATORY CLASSES

Nevers, France

FRENCH SCIENTIFIC BACCALAUREATE, June 2015

Speciality in Mathematics, Good merit.

LYCÉE FRANÇAIS MLF D'AL KHOBAR
Al Khobar, Saudi Arabia

VOLUNTEERING

COMMITTEE MEMBER

- Negotiated and collaborated with various entities.
- Formed a representative music ensemble of the NGO.
- Contributed to the expansion process of the NGO community into more than 920 members.

UNITED LEBANESE MUSICIANS

January 2021 – Present

CLUB PRESIDENT

- Managed musical events with media promotion.
- Increased the involvement rate of members with on-campus activity.
- Promoted member talents through social media.

MUSIC CLUB, BALAMAND

January 2020 – May 2022

INTERESTS

- Automotive technology
- Musician & Content creator (Instagram: @ayman.gharz).