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**EDUCATION**

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**Lebanese American University***Master of Business Administration (High Distinction, GPA 4.0).***Beirut, Lebanon***August 2017 – June 2019***IESEG School of Management***Intensive Abroad Semester as part of International MBA***Paris, France***August 2018 – December 2018*

- With emphasis on Operations Management, Decision Making tools and methodologies, and Digital Transformation.

**Beirut Arab University***Bachelor of Mechanical Engineering (President's List, GPA 3.84).***Tripoli, Lebanon***September 2012 – June 2017*

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**PROFESSIONAL EXPERIENCE**

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**MPCF: Petra Tissue Converting Factory***Industrial Engineer***Tripoli, Lebanon***April 2021 – January 2022*

- Redesigning production workflows to cope with the Lebanese market uncertainty by implementing “Just in Time”, “Standardization”, and “Flexibility” principles allowing 17% lead time reduction, and 15% cost reduction.
- Optimizing maintenance schedules to respond to prominent power shortages resulting in 20% downtime reduction.
- Talking through standardization procedures with shop-floor employees to reduce non-value-added time by 23%.

**Lebanese American University***Research Assistant***Beirut, Lebanon***August 2017 – December 2020*

- Conducted literature reviews on Lean Management and Sustainability used in 4 Scopus Q1 publications.
- Developed 4 surveys, visited 10+ factories to record data, and assisted in analyzing data sets.
- Taught 60+ students Information Technology topics like pivot tables, database management, and web-design.

**SLCB: Holcim Cement Factory***Maintenance Intern***Chekka, Lebanon***June 2016 – August 2016*

- Regular inspection, lubrication, maintenance of 160+ pumps, electric motors, valves, conveyors, and bearings.
- Conceptualized a modern cooling system design using pulverized water mechanism.
- Catalogued and monitored the safety measures required for operating various heavy machinery to eliminate injuries.

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**RELEVANT PROJECTS**

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**Academic Research – LAU***May 2019*

- Conducted an empirical research on: “The mediating effect of sustainability on the relationship between flexibility implementation and organizational performance metrics in US automotive manufacturing firms”.

**AGILE Project Management – IESEG***November 2018*

- Collaborated with a cross-disciplinary team of 3 colleagues to plan and manage the activities of the “Birmingham Stadium Construction Project” virtual simulation with a planned 2 Years duration and a £130M budget.
- Achieved a 1.04 SPI and 1.06 CPI by adopting agile methodology to efficiently satisfy the varying stakeholders’ needs.

**Infrastructure Design Model – BAU***June 2017*

- Led a team of 5 in designing a sustainable mechanical infrastructure model for a residential area of 10° land slope, including rainwater collection, waste water treatment plant, and all pumps and hydraulic calculations.

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**CERTIFICATES**

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- Microsoft Certified: Data Analyst Associate. *March 2021*
- OEA: Primavera P6 Training. *September 2020*
- SAP: S/4HANA (1909) for Financial Accounting Associates Certification. *April 2020*
- BAU: National Fire Protection Association (NFPA13) Fluid Systems Design Certification. *January 2015*
- ICDL: International Computer Driving License Certification. *July 2014*

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**SKILLS**

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**Engineering Tools:** AutoCAD, Revit, SolidWorks, Catia V5, Matlab.**Computer Skills:** MS Office (Word, Excel, PowerPoint, Access), MS Power BI, Primavera P6, SAP Fiori, SPSS, Python.**Languages:** Proficient English, Native Arabic, Intermediate French.