

HASSAN MHAIDLY

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EDUCATION

American University of Beirut (AUB) | Bachelor of Industrial Engineering

2016 - 2020

Minor in Economics - GPA: 83.96

Lycée Franco-Libanais Verdun (LFLV) | Scientific French Baccalaureate

2001 - 2016

Mathematics Concentration – with Distinction

WORK EXPERIENCE

Régie Libanaise des Tabacs et Tombacs | Engineering Intern

Jun. 2020 – Aug. 2020

- Developed a coding system to track batches of tobacco based on FIFO principle
- Implemented workbooks to facilitate data entry and digitization in the factory
- Created process diagram charts for procurement and documentation purposes

Dar Al-Handasah | Industrial Unit intern

May 2019 – Jun. 2019

- Implemented design changes based on the client's demands
- Analyzed and optimized material handling equipment based on warehouse design criteria
- Simulated a workstation using M.O.S.T. work measurement and implemented improvements

Gandour | Engineering department intern

Aug. 2018

- Collected data for work sampling for the production of "UNICA" chocolate wafer bar
- Simulated the "UNICA" chocolate wafer bar production process using Arena
- Presented ideas to improve the workplace and the production line based on simulation's KPI

SUMMARY SKILLS

Technical

- Data Analysis, Data Science
- Event Simulation and Facilities Planning
- Operations Research: Linear and Random
- Information System: Data Modelling
- Data Structure and Algorithm Analysis
- Quality Control Statistics
- Inventory and Production Planning, OpenBravo
- C++, Visual Basics, Matlab, Python, HTML, R
- SQL, AMPL, MS Access, SPSS, Minitab, AutoCAD
- MS Word, Excel, PowerPoint, Outlook

Practical

- Arabic (Native), English and French
- Presentation, Critical thinking
- Communication, Teamwork, Organization
- Technical writing, Attention to details

EXTRACURRICULAR ACTIVITIES

- Vice President of the AIESEC organization club in AUB (for incoming exchange) for 2018
- Cabinet member of the Industrial Engineering Society in AUB (IISE)
- Member of the construction, treasury and safety teams of AUB Outdoors
- Handball varsity team
- Work Study Program: MSFEA Student Advising Center

PROJECTS

INDE 320: Work measurement study and engineering methods for LeSAM diner

INDE 411: Tender offer for supplying electric generators for hospitals across Lebanon

INDE 513: Database Management for a car dealership using Microsoft Access

EECE 330: Data entry and storage program (using C++) for farmers and municipalities

Final Year: Implementing Industry 4.0 technologies at Wafic Idriss Establishment to optimize delivery