

Mohamad Ali Kalassina

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EDUCATION

September 2015 – December 2019

Bachelor of Engineering in Industrial Engineering – Honors

Lebanese American University (LAU) – Byblos, Lebanon

Major Courses: Deterministic/Stochastic Operations Research, Network Analysis, Production & Inventory Planning, Quality Management Systems, Six Sigma, Lean Manufacturing, Risk Assessment, Machine Scheduling, Project Management, Facility Layout & Material Handling

September 2000 – May 2015

Lebanese Baccalaureate in Life Sciences

Tripoli Evangelical School for Girls & Boys, Tripoli, Lebanon

August 2012– May 2013

Certificate of Completion – Study Abroad

Bridgeport High School, Bridgeport, Ohio, USA

WORK EXPERIENCE

January 2020 – July 2020

Planning & Quality Engineer

Tadmur Pump Factory

- Assisting Factory Manager in everyday managerial tasks and developing continuous improvement strategies
- Developing and managing the Integrated Management System (including QMS, HSE) in addition to quality control systems
- Production planning, inventory analysis, lean applications

September 2016 – December 2020

Teaching Assistant (Supply Chain, Network Analysis, Quality Control, Optimization)

Lebanese American University Department of Industrial Engineering

- Preparing solutions for course assignments and correcting students' work
- Supporting instructor in the development of course material
- Maintaining an organized database of grades and evaluation reports

June 2018 – August 2018

Intern (Facility Layout, Warehousing, Work-Time Studies)

Dar El Handasah, Beirut, Lebanon

- Development of the facility layout for a cold storage warehouse with state-of-the-art racks
- Development of a time study for the assembly of a BF-109 Nazi War Airplane using the MOST Technique
- Simulation and analyzing a Line Balancing and Production Control strategy for a model factory station

July 2017 – September 2017

Trainee (On-Job Training) - Project Management & Risk Assessment

ETSI Technologies Inc., Manila, Philippines [Nokia Subcontractor]

- Creating a cloud-based system for Purchase Order and Project Status tracking
- Conducting a risk assessment study for building a telecommunication site on a Chinese-Filipino ocean border
- Studying ETSI Technology's Project Management System

AWARDS, LEADERSHIP EXPERIENCE & COMMUNITY DEVELOPMENT ACHIEVEMENTS

Team Leader - 180 Degrees Consulting

- Leading a team of four engineering consultants towards solving a case for Lebanese NGO Paradis D'Enfants
- Creating a market study and a funding sustainability strategy for the client

Director-General - LAU Model European Union

- Leading a team of 75 members in organizing the world's largest simulation of the European Union, organizing and overseeing 5 training sessions and 2 conferences that hosted more than 500 students
- Managing the Logistics, Public Information, Public Relations, Customer Relations, and Training teams
- Creating and utilizing cloud systems to operate the functions of the entire conference

Model United Nations Diplomacy Award - Awarded to students who showcase exceptional diplomacy, public speaking, research and negotiation skills

Assistant Under-Secretary General - United Nations Headquarters

- Organizing logistics and communications with customers from over 40 countries, preparing UN passes, committee distributions, and conference schedules, leading the Conference Services team in cooperation with the Under-Secretary General

Director of School Relations Unit - LAU Model European Union

- Creating and managing a database of over 400 Lebanese schools and 4000 individuals
- Leading a team that handles customer service, conference management, and continuous improvement and managing multiple registration processes

Leadership & Conflict Resolution Trainer – Global Classrooms MUN

- Providing 80 students with training on conflict resolution, leadership, research, debating, and public speaking

President Kennedy Lugar YES Alumni Association of Lebanon

- Presiding over an alumni network of over 500 exchange students with age ranges between 16 and 30

PROJECTS WORKED ON

- Statistical Quality Control implementation in Cedars Premium Lebanon
- Redesign of the facility layout of a marble manufacturing company in Lebanon
- Six Sigma applications on the juice production process in Cedars Premium Lebanon

- Lean manufacturing applications in plastic-bag manufacturing company
- Developing a heuristic & algorithm for a match-making application through social media (network analysis)
- Rehabilitation of a public school in the Greater Beirut Area (information flow, facility layout, sustainability)

LANGUAGES

Very fluent in Arabic and English (Spoken, read and written), Basic understanding of French

COMPUTER AND SOFTWARE SKILLS

Google Drive, Java, Solidworks, AnyLogic Simulation, Lingo, AutoCAD, MS Office (Excel, Visio, PowerPoint)