

Ahmed Lajili Ahmed Ali

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EDUCATION

- 09/09 – 12/11 **University of Bridgeport** **GPA: 3.7/4.0**
MS in Mechanical Engineering (expected December 2011)
Master's Project: Manufacturing management system by lean manufacturing
- Class Projects with Prof. Jeremy Li**
1. Manufacturing Strategy
 2. Adv. CAD Project
 3. Production Technology and Techniques
 4. Adv. CAM and Automation
- 09/93 – 06/96 **Higher Institute of Mechanical Institute** **GPA: 3.18/4.0**
Higher Diploma in Mechanical Engineering, Major- Production Engineering
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EXPERIENCE

- 09/21 – Until Now **Libyan Journal of Applied Science and Technology LJAST – Editor-in-Chief of the magazine**
Tripoli, Libya
- Skills:**
- Edit copy is the process of checking copy for mistakes, spelling errors, style, punctuation and repetition and inconsistencies that may affect the quality of the copy used.
 - Strong Communication and Leadership Skills.
 - Supervised the follow-up, preparations, and downloads of the following preparations for Libyan Journal of Applied Science and Technology through its website and the numbers are third, fourth, fifth, sixth, seventh, eighth, and ninth
- 10/20 – 02/28/2022 **Alarwika for Food Industry – CEO** **Tubrok, Libya**
- Skills:**
- Project Manager for installing new lines in Tubrok 16000 BPH.
 - Manage filling corn oil production.
- 05/19 – 10/20 **Albaraka Company for Filling Oil Vegetables – Technical Manager** **Tripoli, Libya**
- Skills:**
- Project Manager for installing new lines in Tripoli 16000 BPH.
 - Manage filling corn oil production.
 - materials removal processes)
- 12/15 – 09/17 **Administration of Technical Colleges – Head of Student Affairs Department** **Tripoli, Libya**
- Establish and monitor standards of excellence and performance measures for each department.
 - Establish divisional competencies and standards of performance for exempt employees that are reflected in job descriptions and performance reviews. Divisional competencies include: 7
 - Advising and Helping: Skills related to providing support, direction, feedback, critique, and guidance to individuals and groups;
 - Assessment, Evaluation and Research: Skills related to the design, implementation, and critique of assessment, evaluation, and research methods, including quantitative and qualitative techniques;
 - Ethics: Understanding and applying ethical standards;
 - Leadership, Management and Administration: Skills related to the management and development of human, fiscal, technological and physical resources; organizational development and leadership; strategic planning;
 - Student Learning and Development: Knowledge and understanding of concepts and principles of student development theory and ability to apply theory to inform practice
- 08/13 – 12/15 **College of Engineering Technical – Head of Mechanical Engineering Department** **Tripoli, Libya**
- Department organization and operation.
 - Knowledge and experience of team management, motivation, academic and financial management
 - Knowledge of current trends in human resource development, programed design and development.
 - Transfer and share skills and knowledge to other team members through workshops or other staff development activities.
 - Network with colleagues to promote best practice across the sector

05/12 – Until Now

College of Engineering Technical – Assist Professor

Tripoli, Libya

Teaching:

- Theory of metal cutting
 - Straight of Materials
 - Valves.
 - CAM
 - Pumps and Compressors
 - Small Enterprises
 - Production Engineering III.
 - Engineering Reliability and Maintenance.
 - Workshop Technology
- Preparation of learning materials (including e-learning; current system is “Moodle”),
 - lesson plans, schemes of work, assignments to support high quality teaching and learning for all scheduled practical and classroom based teaching
 - Conduct all required assessments of learners work and preparation for examinations to required college and/or awarding body requirements

01/10 – 02/2012

University of Bridgeport – International Admission Office

CT, USA

Office Assistant

- Reviewing files for proper documentation for the admission process
- Converting foreign educational systems to US educational system
- Assisting and guiding prospective applicants in the admission process
- Assisted new international students during the Orientation
- Providing marketing support for recruitment trips

05/07 – 08/08

Harug Inc. - Technical and Marketing Dept.

Tripoli, Libya

Assistant Manager

- Provided the best sellers for spare parts with high specifications
- Managed request demand with the customer
- Performed assembling, testing, diagnosing and maintenance for tools and equipments
- Served as an engineering liaison, communicating with suppliers, vendors, manufacturing, inspection, purchasing and quality control departments
- Reported projects progress and obstacles, initiated corrective actions; provided regular status reporting to relevant departments and senior management in order to enable them to take necessary actions

01/04 – 05/07

PepsiCo. Inc. - Maintenance Dept.

Tripoli, Libya

Mechanical Engineer

- Performed assembling, testing, diagnosing and maintenance for tools and equipments
- Evaluated, selected and applied standard engineering techniques, procedures, and criteria, to make modifications and resolve technical problems

04/01 – 01/04

Alnnabaa Company - Planning and Production Dept.

Tripoli, Libya

Supervisor

- Responsible for preparation of the monthly production in order to enable the CEO to take actions
- Proposed plans for disposal of waste materials, labor and production

07/98 – 04/01

Alnnabaa Company - Information Data Office

Tripoli, Libya

Research Engineer/Project Manager

- Researched for input materials and output production during production processes, concerning the transfer of Western technology and their impact on 3rd world industries
- Coordinated the activities of the projects and performed their type of productions

CERTIFICATIONS & AWARDS

12/02

Certification in Maintenance for PET line

Germany

12/02	<i>Certification in Maintenance for Packing Machine</i> Italy
04/02	<i>Seminar about using new technology in filling lines (soft drinks, milk, beer, and water)</i> Dubai, UAE
01/00	<i>Certification in Manufacturing Management Engineering</i> Tripoli, Libya
11/99	<i>Seminar about Atlas Copco Compressors used in food industry</i> Tripoli, Libya

COMPUTER SKILLS

- **CAD/CAM Design Software:** Pro/Engineer Wildfire 3.0
 - **CNC Software:** Pro/Engineer Wildfire 3.0
 - **Project Management/Office Productivity:** MS Office (Excel, Word, Outlook, PowerPoint)
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MEMBERSHIP

- **Life Membership:** Society of Leadership and Success
 - **A membership** in Society of Manufacturing Engineering (2009-2012)
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LANGUAGE SKILLS

- English, Arabic
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PUBLICATIONS

- Design of Heat Exchanger.
 - Elective Design of Shell & tube heat Exchanger.
 - Non-Newtonian Hydro-dynamic distribution in a complex geometry coating unit.
 - Improve Mixing of Stratified Airflows.
 - T.P.M into Alnokhba Company. (Arabic version)
 - The most important factors causing the phenomenon of cavitation in centrifugal pumps and ways to reduce them.(Arabic Version)
 - Geometrical analyzes of the wheel axis using modeling (Reverse Engineering). (Arabic version)
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