SARA AL AGHBAR

INDUSTRIAL ENGINEERING

AL AGHBAR

CONTACT

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🏠 180 Fairview Mall Dr.
Toronto, ON M5B 0A3

Relevant Courses

- Introduction to Data Science and Analytics
- Operations Research
- Systems Modeling & Simulation
- Experimental Design & Quality Assurance
- Project Management
- Information Systems
- Reliability and Decision Analysis

Skills & Abilities

- Problem Solving
- Attention to Detail
- Communication (Oral/Written)
- Interpersonal Relations
- Time Management
- Organizational Efficiency

Languages

- English (Fluent)
- Arabic (Fluent)

PROFESSIONAL PROFILE

Highly energetic Industrial Engineering student seeking to gain valuable experience within the industrial engineering field. Utilize strong analytical skills to develop techniques to improve processes. Committed to professional development with a passion to learn all facets of the industrial engineering trade to provide high quality service.

ACADEMIC QUALIFICATIONS

BACHELORS OF INDUSTRIAL ENGINEERING   SEP 2016 - APR 2021
Ryerson University | Toronto, Ontario

ADVANCED GRADE 12   SEP 2015 - JUN 2016
McDonald International Academy | Toronto, Ontario
- Overall GPA: 3.5

INTERNATIONAL BACCALAUREATE   SEP 2011- JUN 2015
The Ahliyyah School for Girls (CMS) | Amman, Jordan
- Overall GPA: 3.4

RELEVANT ACADEMIC PROJECTS

GRADUATION PROJECT   APR 2021
Worked in-cooperation with Coltene SciCan Ltd.
- Analyzed equipment returned to determine the equipment that demonstrates a significant percentage of returns, and accordingly examine the root causes, to minimize the percentage of customer returns.
- Examined the time taken to handle returns, by assessing the process's efficiency through the use of control charts, as well as determining bottlenecks and eliminating non-value added steps.
- Enhanced the spare parts workshop design from an ergonomics perspective through the use of 4D WATBACK, R.U.L.A. assessment and 5S methodology to increase efficiency and productivity.

INFORMATION SYSTEMS   DEC 2020
- Created a set of Unified Model Language (UML) diagrams for an inventory management system to visually illustrate connections between different organizational departments.
- Set up a Microsoft Access Database to create forms, queries and reports to answer projected questions from senior management.

ARENA SOFTWARE QUEUING SYSTEM   APR 2019
- Performed a detailed verification and validation analysis of Chipotle's queuing system using an Arena Software, to minimize que lengths resulting in improved waiting times.

DRUG PRODUCTION ANALYSIS   DEC 2019
- Analyzed the contributing factors that impact drug production in a pharmaceutical company applying statistical techniques including the DMAIC approach, hypothesis testing, ANOVA and control charts to increase productivity.

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Extracurricular Activities

Model United Nations Delegate
Amman, Jordan
2013-2015

Basketball Player
Al Riyadhi Sport Club
Amman, Jordan
2011-2015

Case Competition Member
L'OREAL Supply Challenge
Toronto, Ontario
2019

Certifications

Six Sigma Green Belt
Present

Six Sigma Yellow Belt
October 2020

Traits & Attributes

- Friendly & Approachable
- Positive Attitude
- Energetic
- Ambitious
- Hard Work Ethic
- Punctual & Reliable

Professional Development

SAP Workshop
2021

RELATED COMPETENCIES

- Technically inclined with computer proficiency in Microsoft Office (Excel and Access) as well as the use of statistical analysis tools.
- Collaborative team player with extensive experience working on numerous projects by coordinating with colleagues.
- Possess strong problem-solving skills with experience in handling difficult situations tactfully and professionally.
- Present excellent time-management skills to manage multiple priorities, ensuring to maintain commitments while meeting deadlines.

EMPLOYMENT EXPERIENCE

JUNIOR QUALITY ENGINEER   JUN 2021 –PRESENT
SciCan Ltd. | Toronto, Ontario, www.scican.com
SciCan provides a complete range of infection control solutions for dentists,
- Generate production quality reports, investigate root cause for the failure and determine necessary corrective actions.
- Assess materials rejected from the production line, prepare material rejection reports (MRR's), and accordingly work with vendors on the disposition of the MRR's.
- Perform in process and final inspections of finished products.
- Perform quality system internal audits, if needed.

PRODUCTION ASSISTANT   MAR 2020 - JUN 2021
SciCan Ltd. | Toronto, Ontario, www.scican.com
SciCan provides a complete range of infection control solutions for dentists, ophthalmologists and medical clinics in dozens of countries around the world.
- Utilized strong organizational skills and attention to detail while producing and closing customer orders by packaging and labelling spare parts.
- Performed critical and analytical thinking by examining the Bill of Materials (BOM) for spare parts based on their item number.

QUALITY ASSURANCE ASSISTANT   DEC 2019 – JAN 2020
Hikma Pharmaceuticals PLC | Jordan, www.Hikma.com
The multinational, largest regional pharmaceutical company, based in London and manufactures pharmaceutical products, with $2.2B revenues globally
- Supported with sampling and releasing of incoming raw materials.
- Assisted in handling, investigating, and trending received complaints.
- Performed Acceptance sampling as per military standards for finished products prior to release.

COMMUNITY INVOLVEMENT

PROMISE WELFARE JUNIOR VOLUNTEER   JUN 2014 - AUG 2014
Promise Welfare Society | Amman, Jordan
- Provided relief and aid to refugees and poor families by thousands of food and clothes parcels.
- Was responsible for serving daily lunches to hundreds of poor women and children.