Ahmed Mohamed Selim Ibrahim

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1.Education

❖ **B.Sc. in Engineering | Ain Shams University | 2013 – 2018**
- **Major:** Mechanical Design and Production Engineering.   **Cumulative Grade:** Very good.
- **Graduation Project:** Line Optimization in Mars factory.   **Final Project Grade:** Excellent.

2.Experience

❖ **Static Equipment Engineer | Enppi | November 2019 – present**
- Office work:
  - Undertook responsibilities in diverse EPC projects, starting with the issuance of MRQ and concluding with the delivery of MDB from vendors.
  - Spearheaded the review of vendor documents by various Enppi disciplines and took responsibility for addressing any contradictions between disciplines and responding to vendor inquiries.
- Site work:
  - Successfully completed the handover of 70+ equipment to diverse owners across four EPC projects.
  - Assumed the role of a focal point connecting the contractor, vendor, licensor, and owner during different installation and repair operations.

❖ **Site Performance Champion | Mars Wrigley Confectionery | January 2019 –November 2019**
- Responsible for revamping the monitoring system for jewels line to measure its performance and do a daily report about jewels performance for the plant director and management team.
- Applying continuous improvement methods on jewels (SMED, Poke yoke ……. etc.)
- Working on a planning tool that aims to generate an optimum weekly production plan taking into consideration all capacities constraints and all decision variables.

❖ **Industrial Engineering Projects | Mars Wrigley Confectionery | September 2017 – November 2018**
- **Graduation project:** Studied and analyzed flutes lines to perform line balance to optimize the number of direct labors under umbrella of Value Leadership program.
- **Capacity planning:** Innovated a system that automates the production planning of lines using Simplex LP.

❖ **Quality Intern | Leoni | July 2017 – September 2017**
- Developed a process map in the inspection area to ensure customer satisfaction.
- Worked on planning, executing, and documenting a case study aimed to eliminate inspection area.

3.Courses and Sessions

❖ **Web Programming | Facebook |2021-2023**
❖ **Project Management Diploma | AUC | 2020 – 2021**
❖ **CS50's Introduction to Computer Science | Harvard | 2021**
❖ **Six Sigma and Lean: Quantitative Tools for Quality and Productivity | EDX | October 2018 –2019**
❖ **Case Study "Design Leveling Device" | ABB | July 2017 – August 2017**

4.Extra-curricular activities

❖ **Teacher |Solid Mechanics, Mathematics and Physics| September 2015 – December 2020**
❖ **Project Manager | APEC | September 2014 – May 2016**
❖ **Volunteer Teacher | AYB | September 2014 – July 2016**
❖ **Volunteer | "Life from water" | September 2012 – July 2013**

5.Skills & Hobbies

❖ **Computer Skills:**
- Microsoft Office: include Excel VBA.
- CAD software: SolidWorks & AutoCAD
- Programming: Web, Python & C.
- Graphic Software: Maya & Photoshop.

❖ **Languages:**
- Arabic, English.

❖ **Sports:**
- Horse riding – Boxing – Karate – Swimming – Gym.

References furnished upon request.