

# Fawaz Maghrabi

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## AREAS OF EXPERTISE

- Quality Control
  - Social Networking
  - Microsoft Office Suite
  - Project Management
  - Continuous Improvement
  - MATLAB Programming
  - Multisim and LTSpice
  - Minitab
  - Public Speaking
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## EDUCATION

**Bachelor of Science in Biomedical Engineering (Graduated May 2020) | Milwaukee School of Engineering**

## AWARDS & DISTINCTIONS

*Dean's List (2016-2020), GPA- 3.62, Member of the Alpha Eta Mu Beta (AEMB) National Honor Society, Vice-President-AEMB, Treasurer- Biomedical Engineering Society- MSOE Chapter, Certified green & black belt Six Sigma.*

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## EXPERIENCE HIGHLIGHTS

**TP ORTHODONTICS, La Porte, IN, USA**

( October 2020 – May 2021)

### Quality Engineer

Designed and evaluated quality assurance process sampling systems, procedures, and statistical techniques. Actively took lead on product correction and preventive actions (CAPAs). Developed and performed durability and effectiveness tests on multiple products. Process validated certain products during the designing and manufacturing phases to confirm that the process output is a reliable product that adheres to the FDA 21 CFR 820 regulatory requirements, and both quality manuals ISO 13485 and ISO 9001.

#### **Key Accomplishments:**

- Successfully investigated all long-time open non-conformance reports and performed the proper actions to close the reports.
- Edited quality system document for multiple procedures to reflect the new modifications of certain processes

**3D MOLECULAR DESIGNS LLC., Milwaukee, WI, USA**

( June 2017- March 2020)

### Quality Control Specialist

Oversaw comprehensive quality control of product development lifecycle from manufacturing to packaging to drive production accuracy and efficiency. Actively operated three production line machines including pressing, molding and injection, and foam cutting equipment. Led the onboarding and training and development of new team members to align with established company guidelines.

#### **Key Accomplishments:**

- Spearheaded the design and implementation of an innovative system to optimize production process accuracy.

**FROEDTERT HOSPITAL, Milwaukee, WI, USA**

( November 2018 - February 2019)

### Clinical Engineering Intern

Collaborated with Clinical Engineers to deploy engineering methodologies to solve complex design problems and streamline operations in alignment with rigid project schedules and deadlines. Conducted repairs, periodic maintenances, administered measurements, and performed electrical tests on imaging medical devices including mobile C-arm X-ray and CT scanner at various stages in accordance with the quality control plan. Kept multicase notes on work orders and converted them into daily summary reports.

#### **Key Accomplishments:**

- Successfully resolved a C-arm X-ray device monitor malfunction by measuring troubleshooting the whole device and replacing failed parts which generated \$2000 in cost savings for the hospital.