

# NOUR AL ASSAF

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Industrial Engineering graduate from RIT Dubai with a strong foundation in supply chain, data analysis, operations, and process improvement. Hands-on experience working with inventory planning, forecasting, data analysis, and performance reporting, with proficiency in Excel, Python, Minitab, and Power BI. Experienced in analyzing processes, identifying improvement opportunities, and translating data into practical insights to support operational decision-making. Analytical, detail-oriented, and adaptable, with strong problem-solving and cross-functional collaboration skills.

## AREA OF EXPERTISE

- Operations & Process Optimization
- Sustainability & Green Practices
- Product & Service Design
- Systems Integration & Industrial Applications
- Data-Driven Decision Making
- Project Management & Collaboration

## PROFESSIONAL EXPERIENCE

### W Motors

Sep 2023 – Dec 2023 | Jan 2025 – Apr 2025

- Supported 3D design, printing, and scanning tasks
- Assisted with basic documentation (BOM, process notes)
- Participated in team meetings and design reviews
- Helped organize supplier data and support procurement tasks
- Contributed to ISO documentation and general project support

### Aramex

Jun 2023 – Aug 2023

- Assisted in sustainability initiatives and data collection
- Supported carbon emissions tracking for internal reporting
- Helped prepare reports and presentations
- Contributed to website updates and sustainability documentation

## SKILLS

- Project Support & Coordination
- Task Tracking & Workflow Organization
- Cross-functional Communication
- Problem Solving & Analytical Thinking
- Excel & PowerPoint for Reporting
- Attention to Detail & Time Management

## EDUCATION

### Rochester Institute of Technology

Bachelor of Science in Industrial Engineering  
2021-2026

## CERTIFICATES

### 3D Design and Printing

At Rochester Institute of Technology  
2022

### Professional Certification in Communication skill & visual presentation

Rochester Institute of technology X edX  
2021

### Service Design in the Digital Technology Era

American University of Sharjah

### Microsoft Power BI Certification (In Progress)

Microsoft

### Lean Six Sigma

Yellow belt

## PROJECTS

### Automated Fruit Sorting System (1st Place – RIT Competition)

- Worked in a team to design and build an automated system
- Helped organize tasks and ensure parts of the project were completed on time
- Gained experience working under deadlines and coordinating with teammates

### Mini Drill Design & Prototype

- Supported the design and testing process of a small prototype
- Helped keep track of progress and organize project steps

### From Waste to Parts – PET Recycling via FGF

- Developed a shred-to-print process converting recycled PET bottles directly into 3D-printed components using FGF.
- Conducted experimental trials to refine printing parameters for improved print quality and process stability.
- Performed tensile testing and mechanical analysis to evaluate the performance of recycled PET specimens.
- Collaborated within a multidisciplinary engineering team on experimentation, data analysis, and project execution.