

# Mohammed Namer

Eastern Province, Saudi Arabia  
+966 539253353 | eng.mnamer@gmail.com

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## EDUCATION

**West Virginia University**, Morgantown, WV  
*Bachelor of Science in Industrial Engineering*  
*Awarded WVU's Fall 2018 Dean's list*

Graduation Date: December 15, 2018

## PROFESSIONAL EXPERIENCE

### Entrepreneurial Development Internship, WVU IMSE

2018

#### Chief Developer of Business Plan for Distribution Network Serving Arabian Peninsula

- Designed a startup business plan to establish a distribution center providing fresh produce to Saudi Arabia, with goal to expand to the entirety of the Middle East and incorporate broader variety of products
- Conducted Quality Function Development (QFD) to prioritize customer requirements
- Conducted value stream mapping to determine optimal warehouse workflow/facility layout
- Implemented Industrial Engineering principles and fundamental of lean operation to manage facility and supply chain network
- Conducted risk management criteria against competitors
- Estimated the profit turning point target to be within 3 years of operation

## CLASS PROJECT EXPERIENCE

### Product Design and Control: - Cyberized Pool Table:

2018

- Developed various operating cost components and business strategies for operations management.
- Analyzed operations performance measurements and analysis for continuous improvement.
- Determined the effect of product, process, inventory costs, product forecasting, operations strategies, and schedule design parameters on design of materials requirements planning, inventory planning, capacity planning, and production planning/control systems.
- Designed, developed, and analyzed a Master Production Schedule (MPS) and a resultant Materials Requirement Plan (MRP) for a complete production facility.
- Analyzed the impact on the company workers with respect to their role in production and inventory control.
- Analyzed the capacity planning process and identified characteristics and relationship to business operations in regard to managing product demand versus product capacity.

### WVU Glass Mosaic Assembly Line/Work Methods Design

2016

- Designed assembly line for the creation of glass mosaics resembling the WVU logo the "Flying WV."
- Designed work environment/ facility layout and optimization of workflow using 5s principles.
- Conducted time studies, learning curve analysis and utilized principles of lean manufacturing
- Collaborated in team environment to maximize efficiency
- Applied lean principles of Industrial Engineering in a physical work environment to reduce waste and maximize workflow.

## EXTRACURRICULAR ACTIVITIES

### Institute of Industrial Technology for Training (ITTI)

2020 – Present

*NEBOSH Award in Health and Safety at Work certificate*

### Saudi Council of Engineers, Member

2019 – Present

*Project Quality Management webinar*

2020 – present

*Project Management Professional webinar*

2020 – present

### Doroob workshop

*Work ethics training certificate*

2020 – present

*Leadership training certificate*

2020 – present

### Institute of Industrial and System Engineers, International Member

2017 –2019

*Awarded Six Sigma Green Belt certificate #2619-21546*

2018 –2021

### Society of Industrial and System Engineering WVU Chapter, Member

2016 –2018

*WVU IISE student chapter Secretary*

2018 –2018

### The Salvation Army -Soup Kitchen, Volunteer

2018 –2018

### Engineers without Borders, WVU Chapter, Member

2015 –2018

## TECHNICAL SKILLS

**Industrial Engineering skills:** Six Sigma | FMEA analysis | 5S analysis | Lean manufacturing | SMED analysis | Process mapping  
Work measurement | Work flow improvement | Value stream mapping | MOST analysis | Kaizen | Quality Function Development  
Product Control and Design | Hazard analysis | Team Facilitation | CNC machining | Arc welding

**Programs knowledge:** Rockwell Arena® | SAS JMP® software | Microsoft Word® | Microsoft Excel® | Microsoft PowerPoint®  
Microsoft Access® | Microsoft Visual Studio® | MATLAB® | Autodesk Fusion 360®