

Omar Alyasein

Omar.alyasein2@unt.edu

(940) 252-5649

[linkedin.com/in/omaralyasein](https://www.linkedin.com/in/omaralyasein)

Summary

- As a Research and Teaching Assistant at the University of North Texas, I am pursuing my PhD in Supply Chain & Operations Management, a field that combines my passion for engineering and business.
- With over than 18 years of experience in building services engineering, I have gained valuable skills in ME design and installations, project management, supply chain and operations management. I'm a certified project management professional and accredited mechanical engineer. I have contributed to multiple prestigious projects in the UAE.
- My core competencies include hard working, industry experience, teaching and research skills, analytical thinking, problem-solving, and teamwork. My mission is to apply my knowledge and expertise to educate future students and create a better society. I am eager to join a dynamic and innovative team that shares my vision and values.
- I assisted teaching multiple courses, including: - OPSM 4810: Purchasing & Supply Management, OPSM 3830: Operations Management, LGAV 3130: Air Cargo Planning & Control, and LGAV 4100: Airport and Infrastructure Planning & Control.
- I'm mainly doing research focused on the role of disruptive digital technologies in driving integration, innovation, and resilience in supply chains. Moreover, I'm involved in research concerned with coopetition (i.e., simultaneous cooperation and competition among competitors), and errors management in manufacturing operations.

Education



University of North Texas

Doctor of Philosophy - PhD, Supply Chain & Operations Management
Aug 2022 - May 2026



The British University in Dubai

Master of Business Administration, Business Administration, Management and Operations
2020 - Dec 2021



Jordan University of Science and Technology

Bachelor of Science (BSc), Mechanical Engineering
1999 - 2004

Research Work

- To Err is Human: Developing Error Competence and Driving Innovation in Manufacturing Operations. (*Revise & resubmit, International Journal of Operations & Production Management*)
- Supply Chain Digitalization, Innovation Capability, and Organizational Agility: The Moderating Role of Institutionalization and Supply Chain Integration. (*Revise & resubmit, Industrial Marketing Management*)
- How can Supply Chain Digitalization Drive Disaster Immunity? The Roles of Process Integration and Innovation Speed (Work completed, targeted journal: *International Journal of Operations & Production Management*)
- Driving Customer-Perceived Value Through CSR Employer Brand Identity. (*Work in progress for submission to Journal of Product & Brand Management*)
- How Can Cooperative and Competitive Interactions Improve Agility, Adaptability, and Alignment Supply Chain Capabilities? Four Empirical Studies (Work completed, targeted journal: *International Journal of Operations & Production Management*).
- AI-based Procurement to Drive Organizational Agility: The Role of Supplier Fit and AI-data Quality (Work in progress, targeted journal: *Journal of Supply Chain Management*)
- Building Scientific DNA in Manufacturing Organizations: Beyond Process Management. (Work in progress, targeted journal: *International Journal of Operations & Production Management*)

- Discrete-Event Simulation and Experimental Design to Improve Emergency Department Operational Performance: A Case from Houston, USA. (Work completed, targeted journal: *TBD*)
- Performative AI for Improved Supply Chain Resilience Outcomes: The Role of Temporal resilience responses. (Work in progress, targeted journal: *TBD*)

Academic Experience



Teaching Fellow

University of North Texas
Aug 2024 - Present



Research & Teaching Assistant

University of North Texas
Aug 2022 - Aug 2024

Professional Experience



MEP Project Manager

Ian Banham & Associates (IBA)
Jun 2018 - Aug 2022 (4 years 3 months)



MEP Project Manager

Nottingham Mechanical & Electrical Consulting Engineers
Nov 2015 - Jun 2018 (2 years 8 months)



Mechanical Project Engineer

CONIN
Mar 2008 - Oct 2013 (5 years 8 months)



Mechanical Design Engineer

Ian Banham & Associates (IBA)
Mar 2005 - Feb 2008 (3 years)

Licenses & Certifications



Project Management Professional (PMP) - Project Management Institute

Issued Jul 2021 - Expires Jul 2024



Accredited Mechanical Engineer - Dubai Municipality



Social and Behavioral Research - Basic/Refresher - CITI Program

Skills

Research Skills • Tableau • Data Visualization • Python (Programming Language) • Machine Learning
• Data Mining • Business Analysis • Logistics Management • International Logistics • Third-Party Logistics (3PL)