

Mustafa Abduljabbar

UK passport holder | Full UK clean manual driving licence (4 years NCs)

Portfolio (work examples): Mustafaabduljabbar.com

Summary

Recently completed an **MSc in Logistics & Operations Management at Cardiff University (Distinction, 78%)**, with strengths in production planning, forecasting, inventory control, and ERP-supported decision making. Completed an **industry-supported live project with DSV and ESG.AI**, developing a stochastic Life Cycle Assessment (LCA) using scenario forecasting to assess material and capacity uncertainty. Gained strong analytical experience through a **data analysis internship at the Office for National Statistics (ONS)**. Seeking an entry-level operational planning role.

Education

MSc Logistics and Operations Management (Distinction 78%) – Cardiff University 09/2024 - 09/2025

Relevant modules: Circular Economy Operations (91%), Lean and Operational Excellence (87%), Operations Management (86%), Digital Supply Chains (85%), Logistics and Its Provision (81%), and ERP Systems (80%).

Honours & Awards:

- Lean Competency System (LCS) – Level 1B
- ERP Simulation Certificate

BSc Business Management (2:1) – Cardiff University

09/2021 - 09/2024

Honours & Awards:

- Cardiff Award – Student Futures employability award
- Student Ambassador – Cardiff University Business School

A Levels – Cardiff High School

09/2018 - 07/2021

Grades: Chemistry (A), Physics (B), Business (B)

Relevant Experiences

MSc Dissertation (Live Project), DSV & ESG.AI - Cardiff University

06/2025 – 09/2025

Context: Material extraction accounts for over half of global CO₂ emissions and approximately 90% of biodiversity loss, while the EU's heavy dependence on China for critical rare earth materials presents a **significant operational risk** for next-generation manufacturing.

- Reviewed **ESG policy** requirements and disclosures from **7 global electronics manufacturers**, where reporting focuses on emissions over material performance indicators.
- Designed electronics **statistical LCA** comparing linear (3-year) and refurbishment-led extended-life scenarios, showing **~80% of lifecycle impacts are concentrated at OEM manufacturing**.
- Modelled **return-rate, quality, and timing uncertainty** using **scenario forecasting (18–42%)**, showing conventionally overly optimistic assumptions distort capacity and operational planning.
- Built a **probabilistic, component-level Bill of Materials**, separating reusable, re-manufacturable, and Beyond Economic Repair (BER) parts to support realistic operational planning.
- Tested dematerialisation indicators against **LCA midpoints**, revealing that **life-extension increased material use (+23–25%) despite ~11–13% lower impacts per functional year**, highlighting how absolute metrics alone can distort planning decisions.

Data Analysis Internship, Office for National Statistics (ONS) - Newport, Wales

06/2023 – 09/2023

- Analysed **10,000+ internal staff development records** using **Excel** and **Python** to identify trends by location, department, and employment grade, supporting data-led planning decisions.
- Recognised **Excel's limitations**, self-taught **Python** to build an automated script that processed **200+ keywords** and fully streamlined the analysis workflow, significantly improving speed, consistency, and accuracy.
- Designed clear **Power BI** interactive dashboard and **presented findings to non-technical stakeholders**, ensuring results were understood and actionable.
- Work was recognised by the Directorate Head, who highlighted the project in an internal blog encouraging staff to upskilling.

Other Experiences

Student Representative, Cardiff University

09/2024 – 09/2025

- Represented 60+ MSc students as Vice Chair, consolidating feedback, leading meetings, and presenting findings to faculty to support programme improvements

Food Delivery Driver, Domino's - Cardiff, Wales

08/2022 – 03/2023 | 03/2021 – 09/2021

- Coordinated within fast-paced, time-critical delivery operations across multiple Cardiff locations, coordinating with in-store teams of **20-30 staff** to meet service targets while adhering to strict food safety and allergy procedures.

Customer Service Assistant – Tesco, Cardiff, Wales

11/2021 - 05/2022

- Supported day-to-day operations within a high-footfall Tesco Express, handling payments, age-restricted transactions, and customer issues while maintaining accuracy, compliance, and service continuity within a small team of **4-6 staff**.

Skills

- **Operational Planning** - Applied operations strategy, planning, process improvement, supply chain resilience, digital operations, and circular economy principles across MSc projects (portfolio linked at the top of CV).
- **Data Analysis & Decision Support** - Applied **Excel**, **Python**, and **Power BI** for data cleaning, modelling, and dashboarding, converting complex analysis into concise, decision-ready insight for non-technical stakeholders.
- **ERP & Digital Systems Exposure** - Coordinated a **five-person team through an SAP ERP simulation** across procurement, inventory, planning, distribution, and after-sales, gaining hands-on understanding of cross-functional decision-making in high-performing teams.
- **Process Improvement** – Coordinated a **team of six** to present an operations transformation, applying Lean enablers (leadership, strategic alignment, team behaviours) alongside visible improvements in process flows and technology enhancements, **achieving 87% and earning Lean Competency System Level 1b certificate**.
- **Leadership & Collaboration** - Regularly selected to lead group projects across BSc, MSc, ONS, part-time work and live project settings, coordinating multiple tasks, deadlines, and communication in fast-paced, team-based environments.
- **Critical Thinking** – Rigorously test assumptions and evaluate evidence, ensuring analytical outputs and recommendations are logically justified
- **Communication and Presentation** - Facilitated meetings and delivered structured presentations across multiple projects, translating complex analysis into clear, decision-focused insights.
- **Learning Ability** - Proven learning strength, reflected in a **Distinction MSc (78%)** and self-directed development of advanced technical skills (**Python**, **Power BI**) throughout my ONS experience.