Mustafa Abduljabbar

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

Portfolio (selected work): 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 project with **DSV and ESG.AI**, building a **stochastic Life Cycle Assessment incorporating scenario forecasting**. Developed strong analytical capability through an internship at the **Office for National Statistics**, analysing **10,000+ records** and automating data processing and visualisation using **Excel, Python, and Power BI dashboards**. Curious by nature and keen to keep learning, with a strong work ethic and a willingness to put in extra time when it makes a difference. **Seeking a graduate or entry-level operational planning role in high-tech manufacturing.**

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: With material extraction responsible for over half of global CO_2 emissions and ~90% of biodiversity loss, alongside the EU's dependence on China for rare earths critical to next-generation technological manufacturing, the project framed material use as a strategic and operational risk.

- Conducted comparative case analysis of ESG policies and sustainability disclosures from seven global electronics manufacturers to assess how material use is reported on in practice.
- Designed an electronics device **Life Cycle Assessment (LCA)**, comparing a linear use scenario against an extended-life refurbishment scenario to evaluate the material performance impact of product returns and life-extension strategies.
- Modelled return rate uncertainty, return quality, and timing variability using **scenario forecasting**, reflecting real-world conditions in refurbishment and remanufacturing operations rather than conventionally assuming perfect recovery.
- Built a **probabilistic Bill of Materials (BoM)** to represent part-number-level replacement rates in returned devices, distinguishing between reusable components, re-manufacturable, and components classified as **Beyond Economic Repair (BER)** and recycled as E-waste.
- Tested dematerialisation indicators against LCA results to identify where reported indicators can **misrepresent operational performance**.

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 evidence-based planning decisions.
- Built and automated a structured keyword-based analysis process, replacing manual review and improving the **speed, consistency, and accuracy** of data handling.
- Designed clear dashboards and reports and **presented findings to non-technical stakeholders**, ensuring results were understood and actionable.
- Work was formally recognised by the Directorate Head who published an internal blog highlighting the project and encouraging staff upskilling.

Other Experiences

Student Representative, Cardiff University ***09/2024 – 09/2025***

- Vice Chair Student Representative for a **cohort of 60+ MSc students**. Collected and consolidated student feedback, led meetings, and presented findings to faculty to support programme improvements.

Food Delivery Driver, Domino's - *Cardiff, Wales* **08/2022 - 03/2023**

- Worked 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 - 03/2022**

- 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

Operations, Planning & Supply Chain

- Applied understanding of inventory control, forecasting concepts, MRP logic, and planning processes, alongside lean methodology and process design, across MSc-level coursework, ERP simulations, and case-based analysis of end-to-end supply chains.

Data Analysis & Decision Support

- Used **Excel** and **Python** for data cleaning, structured analysis, modelling, and **Power Bi** dashboard development in both academic and professional environments.
- Translated complex analysis into clear, decision-relevant insight for non-technical stakeholders.

ERP & Digital Systems Exposure

- **Led and coordinated a team of 5 during an SAP ERP simulation**, covering procurement, inventory management, production planning, distribution, and after-sales support.
- Practical ERP understanding of how cross-functional decision-making is necessary for high-performing teams.

Leadership & Collaboration

- Regularly **selected and led group projects** across BSc, MSc, ONS and Live project, coordinating tasks, deadlines, and communication within fast-paced, team-based environments

Work Ethic

- Maintained a consistent record of delivering work to a high standard within deadlines
- **Independently developed technical skills, built processes** (Python, Power BI, Excel) to improve efficiency and quality of outputs.