



# Lewis Ndambiri

M.Sc. Engineering Student | Industrial Engineer & Computer Science | EIT Manufacturing

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## EDUCATION

**EIT Manufacturing Master School – Centrale Nantes & University of Trento**

10/2024 - 12/2026

*M.Sc. in Data Science & AI for Competitive Manufacturing*

Nantes, France & Trento, Italy



Dual-degree program focused on AI-driven industrial solutions, manufacturing analytics and digital transformation. Relevant coursework in manufacturing systems modelling, data mining, high performance computing, SDE, and AI and Innovation.

**Centrale Nantes**

10/2018 - 12/2022

*B.Sc. (Hons) in Industrial Engineering.*

Pierrefonds, Mauritius & Nantes, France



Specialized in Manufacturing Processes, Engineering Design, Production Systems, and Project Management with practical exposure to lean manufacturing, supply chain optimization, and corporate finance.

## PROFESSIONAL EXPERIENCE

**CMA CGM East Africa Cluster**

07/2023 – 08/2024

*Intermodal Sales Support Intern & Cargo Readiness Officer*

1 year

Nairobi, Kenya



- Managed **end-to-end cargo shipment logistics** (reefer and dry containers) overseeing booking operations, vendors coordination, and Bills of Lading processing.
- Ensured **compliance with export clearance, stuffing, and loading procedures.**
- Automated reporting workflows in **Excel**, reducing manual errors and improving cargo readiness tracking.

**Elis Group**

04/2022 – 10/2022

*Continuous Improvement Engineer Intern*

6 months

Aix les Bains, France



- Optimized production workflows** and redesigned storage layouts for efficiency.
- Led the **deployment of lean manufacturing strategies (5S methodology)**, achieving **+25% warehouse space optimization.**
- Designed **ergonomic workstation layouts**, improving employee satisfaction by **100%.**

**Jamizam Entreprises Ltd**

06/2021 - 08/2021

*Civil/ Site Engineering Intern*

3 months

Embu, Kenya



- Supervised **40+ workers** in major irrigation water intake and road construction project.
- Conducted **topographic surveying and drainage works** for a 6 km road and a bridge project.
- Led weekly **client-contractor progress meetings.**

**Ekium AMIO**

07/2019 - 10/2019

*Industrial Engineering Intern*

3 months

Curepipe, Mauritius



- Contributed to **petroleum and gas storage system designs.**
- Produced **structural drafts and P&IDs** for commercial projects in Sierra Leone and Tanzania.
- Delivered **feasibility reports, compliance checklists, and BoQs** for 4+ projects

**Equity Bank Ltd**

04/2018 - 09/2018

*Banking and Finance Intern*

6 months

Nairobi, Kenya



- Supported the Kenya Cereal Enhancement Programme (**KCEP**), aiding **5,000+** farmers with financial literacy.
- Led **customer service and marketing initiatives** for mobile banking solutions.
- Engaged in an intensive all-around internship developing skills in customer service, leadership, accounting, and communication.

## EXTRACURRICULAR & LEADERSHIP EXPERIENCE

**Equity Leaders Program (ELP)**

04/2015 - Present

*Equity Group Foundation Scholar, Leader, and Mentor*

Nairobi, Kenya

- Mentored **30+ students** in academics, career development, and personal growth. **5** mentees secured placements in top global universities.

## SKILLS & INTERESTS

**Programming & Data Tools:** Python, C++, C, HTML, VBA (Excel), SQL (basic), MATLAB.

**Engineering & Design Tools:** AutoCAD, SolidWorks, FlexSim, MS Project, Microsoft Suite.

**Concepts & Methods:** Lean Manufacturing, Process Optimization, Supply Chain Analytics, Project Management, Digital Transformation.

**LANGUAGES:** English (C2), Swahili (C2), French (B2), Italian (A1).

**Core Competencies:** Leadership & Teamwork | Analytical Thinking | Problem-Solving | Adaptability | Time Management | Communication

**Interests:** Online Learning | Traveling | Community Service | Photography | Sports (Running, Football)

