



Lewis Ndambari

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

EIT Manufacturing Master School – *M.Sc. in Data Science & AI for Competitive Manufacturing*

10/2024 - 12/2026



- Dual-degree program focused on applying AI, advanced analytics, & digital transformation to modern manufacturing, with an added emphasis on innovation and entrepreneurship. [*M.Sc. in Industrial Engineering – Centrale Nantes (France) and Computer Science – Università degli Studi di Trento (Italy)*].

Centrale Nantes

10/2018 - 12/2022



B.Sc. (Hons) in Engineering

Uniciti, Mauritius & Nantes, France

- Specialized in Industrial Engineering, focusing on manufacturing processes, production systems, engineering design, and project management, with practical experience in 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** for reefer and dry containers including bookings operations, vendor coordination, and Bill of Lading processing, contributing to timely deliveries and enhanced customer satisfaction.
- Ensured **compliance with export clearance, stuffing, and loading procedures**, reducing shipment delays and ensuring efficient cargo operations.
- Automated **Excel-based reporting workflows** using **VBA**, cutting manual errors and enhancing cargo readiness visibility.

Elis Group

04/2022 – 10/2022

Continuous Improvement Engineer Intern

6 months

Aix les Bains, France



- Analyzed and optimized production workflows, improving process efficiency and reducing waste.
- Led implementation of **5S lean manufacturing practices**, resulting in a 25% increase in usable warehouse space.
- Designed **ergonomic workstation layouts** that significantly enhanced employee comfort and operational productivity.

Jamizam Enterprises Ltd

06/2021 - 08/2021

Civil/ Site Engineering Intern

3 months

Embu, Kenya



- Supervised **40+ workers** in major irrigation water intake and road construction projects, ensuring safety and quality standards.
- Conducted **topographic surveys** and managed **drainage works** for a 6-km road and bridge development.
- Organized and led **weekly client-contractor progress meetings** to streamline **communication** and **decision-making**.

Ekium AMIO

07/2019 - 10/2019

Industrial Engineering Intern

3 months

Curepipe, Mauritius



- Assisted in engineering **design** for petroleum and gas storage systems, leveraging problem-solving skills and MS Office Suite to enhance efficiency.
- Prepared **structural drafts** and **P&IDs** for commercial projects in Sierra Leone and Tanzania, ensuring compliance with project specifications to facilitate successful implementation.
- Developed **feasibility studies**, **compliance checklists**, and **Bills of Quantities** (BoQs) for 4+ industrial projects.

Equity Bank Ltd

04/2018 - 09/2018

Banking and Finance Intern

6 months

Nairobi, Kenya



- Assisted in delivering the Kenya Cereal Enhancement Program, supporting **5,000+ farmers** through financial literacy training.
- Drove customer service and **marketing efforts** for mobile banking products, increasing digital onboarding rates.
- Completed a rotational internship covering customer service, accounting, leadership, and communication.

EXTRACURRICULAR & LEADERSHIP EXPERIENCE

Equity Group Foundation ELP Scholar, Leader, and Mentor (*Nairobi, Kenya*)

04/2015 - Present

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

SKILLS & INTERESTS

Programming & Data: Python, C/C++, SQL (*Postgres*), VBA (*Excel*), HTML, MPI, MATLAB.

Engineering & Analytics Tools: AutoCAD, SolidWorks, Flex Sim, Power BI, MS Project, Microsoft Office Suite.

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

Soft Skills: Leadership & Teamwork, Analytical Thinking, Problem-Solving, Adaptability, Time Management & Communication.

Interests: Learning | Travel | Community Service | Photography | Sports

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

