



BOUSLIMANE Houssem Eddine

Industrial Engineer | PhD Student, Industrial & Systems Engineering (KFUPM)

Industrial engineer with research interests in supply chain resilience and analytical modeling. Focused on measuring and improving supply chain robustness through simulation, MCDM, and network analysis. Currently a PhD student in Industrial & Systems Engineering at KFUPM.

✉ he.bouslimane@gmail.com ☎ +213-552-50-67-09 in LinkedIn 📁 Portfolio

LANGUAGES

ENGLISH :

Advanced (IELTS Academic C1 - 7.5/9).

FRENCH :

Advanced (TCF C1 - 502/690).

ARABIC :

Native.

TECHNICAL SKILLS

MODELING & SIMULATION

MCDM, Discrete-Event Simulation, AMDEC, AnyLogic, Arena, Gephy.

PROGRAMMING

Python (Data Analysis, SimPy, Flask), SQL, C, MS Project.

DATA & BI TOOLS

Power BI, Excel, VBA, EViews, Minitab, AppSheet.

PROJECT MANAGEMENT

Agile, Scrum, Kanban, PM standards setup.

LEAN & CONTINUOUS IMPROVEMENT

5S, VSM, DMAIC, Kaizen, Ishikawa, SWOT Six Sigma.

VOLUNTEERING & LEADERSHIP

PRESIDENT - VISION & INNOVATION CLUB (VIC ENP)

2024

Led one of Algeria's top university clubs: achieved 13/13 annual goals, organized 6 major events, coordinated 4 departments, and built 69 partnerships. Supervised over 200 active members.

ACTIVE MEMBER - IEEE ENP SB & IEC CLUB

2023-Present

Participation in events, technical projects, and student initiatives.

CONFERENCES

INTERNATIONAL CONFERENCE ON MECHANICAL & ELECTRICAL ENGINEERING FOR GREEN ENERGY TECHNOLOGIES

25-27 Nov 2025

- Presented a solar-powered vaccine cold-chain solution to an expert jury at the MEEGET closing ceremony; awarded 1st prize for best project and presentation.

EDUCATION

KING FAHD UNIVERSITY OF PETROLEUM & MINERALS (KFUPM)

PHD IN INDUSTRIAL & SYSTEMS ENGINEERING

Aug. 2026 - Present | Dhahran, Saudi Arabia

Full scholarship. Research focus on supply chain Management.

ÉCOLE NATIONALE POLYTECHNIQUE

STATE ENGINEER IN INDUSTRIAL ENGINEERING - INDUSTRIAL MANAGEMENT OPTION

Sept. 2021 - 2026 | Algiers, Algeria

Specialized in Supply Chain Management, Production Systems, Data Analysis, Logistics, and Business Intelligence.

BACCALAUREATE IN MATHEMATICS

June 2021 | Algiers, Algeria

Graduated with honors: Very good.

PROFESSIONAL EXPERIENCE

END OF STUDIES THESIS - GE HEALTHCARE ALGERIA - SUPPLY CHAIN RESILIENCE & RIPPLE EFFECT SIMULATION

Nov. 2025 - Jun. 2026 | Algiers, Algeria

- Supply Chain Modeling: order-centric stochastic representation of disruption propagation, with a Fuzzy ANP-Fuzzy TOPSIS framework ranking 13 disruption types.
- Ripple Effect Simulation: AnyLogic discrete-event model calibrated on real data, yielding 8 key findings on delivery performance degradation.
- SC Copilot: LLM-based decision support system enabling scenario analysis directly on simulation outputs for faster, evidence-based decisions.

MAJOR - ED-TECH STARTUP - PRODUCT & OPERATIONS MANAGER

Jan. 2025 - Feb. 2026 | Algiers, Algeria

- Oversaw 3 departments (marketing, IT, field) for the MAJOR 2.0 launch (200+ partner schools), managing mobile app and website delivery under Agile methodologies.

KABAS AI - PROJECT MANAGEMENT OFFICER (PMO)

Jul. 2025 - Nov. 2025 | Algiers, Algeria

- Established project management standards and deployed Agile & Scrum practices across 3 company projects, enhancing coordination and deliverable consistency.

STELLANTIS - PROCUREMENT ANALYTICS INTERN

Mar. 2025 - Jun. 2025 | Algiers, Algeria

- Designed and deployed 4 BI dashboards and 8 new KPIs for procurement performance, improving visibility, transparency, and strategic decision-making.

HOLCIM ALGERIA - LOGISTICS PERFORMANCE ANALYST INTERN

Oct. 2024 - Feb. 2025 | Algiers, Algeria

- Developed 3 BI dashboards for logistics and marketing, cleaned over 200,000 data lines, and reduced reporting time by 6 months, driving data-based decisions.

GSK (GLAXOSMITHKLINE) - DATA INTEGRATION INTERN - QUALITY PROJECT

Mar. 2024 - Jul. 2024 | Boumerdès, Algeria

- Mapped and optimized 64 data processes across 6 key laboratory areas (raw materials, packaging, 3 production lines, stability), enhancing data accuracy and traceability according to GSK standards.