



INFORMATIONS

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Morocco, Casablanca

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23 Y.O

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SOFT SKILLS

Creativity / Critical Thinking

Determination / Discipline

Team Spirit / Communication

CENTERS OF INTEREST

Sports competitions

Entrepreneurship & self-development
("work hard on yourself")

Freelance 3D printing

LANGUES

French (Professional working proficiency B2)

English (Fluent)

Arabic (Native)

SOFTWARES

CATIA V5, SOLIDWORKS, ABAQUS, S Q L, PYTHON, C/C++ , MATLAB, OFFICE, EXCEL

Certifications

SIMULINK / MATLAB

CATIA V6 - PLM

DFMEA-MSR: Design Failure Mode & Effect Analysis and Monitoring System Response

PROFESSIONAL EXPERIENCE

2025-2026 Final Year Internship – Stellantis ATC, Casablanca
6 Months



- **Sujet** : Design of a Virtual Simulation Tool for the Wobble/Shimmy Vibration Phenomenon in Three-Wheeled Vehicles (3W Tris)
- **Tasks** :
Analyze the Wobble/Shimmy vibration phenomenon in 3W vehicles
Model the dynamic behavior of the system
Develop a simulation tool in MATLAB
- **Softwares Used** : MATLAB, Catia V6, Excel

2024-2025 Assistant Project Manager at CDM de Tramway RATP Dev
2 Months



- **Topic** : Modernizing Tramway Track Maintenance in Casablanca
Internship Project " *Design and Reliability Study of a Wear Detection System for 41 GPU Grooved Rails Using Artificial Intelligence, Integrated into a MERCEDES UNIMOG U423 Rail-Road Vehicle* "
- **Tasks** : Extract technical specifications from the CCTP (Special Technical Specifications) for two public contracts : CDM BHNS of Oulad Azzouz and CFA of Casablanca Tramway Lines T3 & T4
- **Softwares Used** : SolidWorks, Excel

2023-2024 Operator Internship – HYROSTAR Mechanical Workshop, Casablanca
4 Week

- **Tasks** :
Machining parts using conventional machines
Creating machining process sheets
Performing dimensional metrology and quality control against technical specs

ACADEMIC PROJECTS

2023-2024 Training Project : "Stock Management using VBA in Excel"

- **Tasks** : Design of the application architecture using Excel for the user interface and Access for database management. Creation of dynamic forms in Excel for data entry, updating, and inventory tracking.
- **Software used** : EXCEL
- **Institution** : ENSET Mohammedia

EDUCATION

2021 - 2025 Engineer in Mechanical Engineering of Industrial Systems ENSET Mohammedia

2018 - 2020 Preparatory Classes for Engineering Schools (CPGE) Technical High School

2017 - 2018 Baccalaureate in Mechanical Science and Technology Lycée Jaafar El Fassi

SKILLS

- Finite Element Analysis (FEA)
- CAD : SolidWorks, CATIA
- Maintenance management and KPI improvement
- Reliability Engineering
- Problem analysis and objective definition
- Multidisciplinary teamwork and project management
- Process optimization and workflow improvement
- Client and Stakeholder Communication