

KHALIL HAMDOUCH

AI & Data Science Engineer

+ 33 7 44 86 06 85
khalilhamdouch60@gmail.com
linkedin.com/in/khalil-hamdouch/
Paris, 75018, France

SUMMARY

A highly motivated and results-driven Industrial Engineer with specialized training in Artificial Intelligence and Data Science. Experienced in project management, data analysis, and software development. Currently seeking opportunities in AI and Data Science where I can apply my skills and contribute to innovative projects.

PROFESSIONAL EXPERIENCE

Feb 2023 - Jul 2023 Digitalization of QSE Processes

SNCF-ONCF JV, Moroccan High-Speed Train Maintenance Company • **MOROCCO**

Developed a web application for verifying team members authorizations and qualifications.

Managed the project for acquiring and implementing software for the digitalization of compliance and non-compliance forms.

Created and deployed an application for reporting various types of incidents using Natural Language Processing.

Jun 2022 - Sep 2022 Improvement of Predictive Maintenance of Axle Boxes

ONCF - Office National des Chemins de Fer • **MOROCCO**

Collected and preprocessed bearing data for vibration analysis.

Developed and deployed a deep learning model using signal processing techniques for predicting bearing failures.

Feb 2022 - Jun 2022 Improvement of HSE Compliance through Digitalization

FORVIA • **MOROCCO**

Designed and implemented a platform for HSE checklists.

Created a real-time dashboard for monitoring HSE compliance.

Aug 2021 - Sep 2021 Improvement of Maintenance Operations Efficiency

INBIAAT AUTO • **MOROCCO**

Conducted timing studies on maintenance operations.

Implemented 5S methodology for tool management and organization.

Sep 2020 - Sep 2022 Developed "EdifyFox" a desktop application

Classes préparatoires intégrées, Ecole Nationale Supérieure des Arts et Métiers • **MOROCCO**

Developed "EdifyFox," a desktop application for creating and managing educational programs benefiting ENSAM students

EDUCATION

Sep 2023 - Present MSc in Optics & AI/Data Science (IA2S)

Université Paris-Est Créteil • **FRANCE**

Sep 2018 - Jun 2023 B.Eng in Industrial Engineering, Specialization AI/Data Science

Ecole Nationale Supérieure des Arts et Métiers • **MOROCCO**

Sep 2017 - Jun 2018 High School Diploma in Physical Sciences, Graduated with High Honors

Lycée Abdelkrim Al Khattabi • **MOROCCO**

LANGUAGES

English

Fluent

French

Fluent

Arabic

Native

EXTRA-CURRICULAR ACTIVITIES

**Head of Media Cell in Arts and Métiers Inter-Institutes
Committee, 9th Edition** September 2021 - June 2022