

# Wiam AKZIZ

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Recent **Engineer graduate** specialized in **Artificial Intelligence and Data Science for Embedded Systems**, completed with a specialized master degree in **management of Technological Innovation**. Passionate about applying **AI and data-driven** insights to solve real-world challenges.

## SKILLS

### Technical Skills

Python | MATLAB | SQL | C/C++ | Machine Learning and AI | PyTorch | Data Analysis | FPGA Design | VHDL | Project Management | Agile Methodologies | JIRA | Confluence | Quality Control

### Soft Skills

Problem Solving | Critical Thinking | TeamWork | Process Optimization | Time Management | Communication | Presentation & Storytelling | Autonomy | Creativity | Leadership

### Languages

English (Full Professional Proficiency) | French (Bilingual Proficiency) | Arabic (Bilingual Proficiency) | German (Elementary Proficiency)

## EDUCATIONAL PATH

**ENSEEIH**, Engineering Degree in Electronics, Electrical Energy and Automation Sept 2021 – Oct 2024

-> **Specialization:** Artificial Intelligence and Data for Embedded Systems.

**TBS (Toulouse Business School)**, Specialized Master Degree in Management of Technological Innovation Oct 2023 – Sept 2024

-> **Professional Thesis:** Applying Eco-Design Principles in IT Projects for Digital Services to Reduce Environmental Impact (@Airbus)

**IUT (Universirty Institute of Technology)**, DUT in Industrial Engineering & Maintenance Sept 2019 – Jul 2021

## WORK EXPERIENCE

**IT Quality project Manager (Apprenticeship)**, AIRBUS – Toulouse, FR Oct 2023 – Oct 2024

- Analyzed data-driven quality metrics to identify process inefficiencies within the ERP MES Project quality processes.
- Conducted root cause analysis and implemented corrective actions, considering stakeholders needs.
- Developed and enhanced the Quality Plan and Configuration Management Plan for the MES Project.
- Implemented quality control improvements by leading quality Gate meetings and applying new strategies, leading to improved compliance and maturity status at critical project phases.

**ESD Test Engineer (Internship)**, NXP Semiconductors – Toulouse, FR Juin 2023 – Sept 2023

- Conducted electrostatic discharge (ESD) through iterative testing.
- Performed data analysis on test results, to validate the robustness of integrated circuits.

**FPGA Design and Verification Engineer (Internship)**, EXPLEO Group – Toulouse, FR June 2022 – Aug 2022

- Reviewed technical specifications, and developed prototyping plans for FPGA.
- Developed test benches in VHDL to verify FPGA designs, ensuring optimized performance.

**Methods Technician (Internship)**, Tisseo Voyageurs – Toulouse, FR Apr 2021 – June 2021

- Analyzed maintenance data to identify inefficiencies, and optimized preventive maintenance planning.
- Developed a new maintenance strategy to assess failures and increase operational efficiency.

## CERTIFICATIONS & TRAINING

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|--|-------------|
| • <b>Certified Associate in Project Management (CAPM)</b> - PMI (Project Management Institute) | In Progress |
| • <b>IBM Data Science Professional Certificate</b> - Coursera                                  | In Progress |
| • <b>DeepLearning.AI, Machine Learning Specialization</b> - Coursera                           | In Progress |
| • <b>TOEIC Certification [960/990]</b> - ETS Global  | Jul 2024    |
| • <b>Linguaskill Business English [C1 or Above]</b> - Cambridge University Press and Assasment | Jan 2023    |
| • <b>Data Science, Summer School Certification</b> - Universidad Politécnica de Madrid         | Jul 2022    |

## INTERESTS

**Travelling** - Exploring new cultures and destinations | **Powerlifting** - Enjoying the discipline and focus required for strength training | **Creating Art** - Engaging in sketching, painting and photography.