

# YASSINE JADA

Data Scientist / AI Engineer / ML Engineer

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Single  
Hay Al Azhar, Casablanca, Morocco

Jada-yassine  
Yassine-jada

## EDUCATION

<b>Master's degree in Data Science, Software Engineering &amp; Networks</b> Hassan II University - FS Ain Chock	2023 - 2025
<b>Bachelor's degree in mathematical and computer sciences</b> Sultan Moulay Slimane University - FP Khouribga	2022 - 2023
<b>University Diploma of Technology</b> Cadi Ayyad University - EST Safi	2019 - 2021

## PROFESSIONAL EXPERIENCE

<b>AI Engineer</b> <b>CyberGenix - France/ Remote</b> <ul style="list-style-type: none"><li>Integrating AI into client application solutions.</li><li>Optimizing and fine-tuning open-source models to meet CyberGenix's needs.</li><li>Technology monitoring and exploring the latest advances in AI applied to software development.</li></ul>	Sept. 2025 - Present
<b>AI Engineer - End-of-Study Internship</b> <b>CyberGenix - France/ Remote</b> <ul style="list-style-type: none"><li>Design and development of an intelligent contextual automation agent based on the integration of advanced language models (LLMs) and the MCP protocol.</li><li>Development of AI models to automate the software development cycle.</li></ul>	March 2025 - Sept. 2025
<b>Data Scientist - End-of-Year Internship</b> <b>TECHNOHACKS SOLUTIONS - India/ Remote</b> <ul style="list-style-type: none"><li>Participated in various data science projects, including the development of a credit scoring system for banking institutions.</li><li>Analyzed data and created predictive models using Python and machine learning algorithms.</li><li>Collaborated with an international team remotely.</li></ul>	June 2024 - August 2024
<b>Full Stack Web Developer Internship</b> <b>Nextronic - Casablanca</b> <ul style="list-style-type: none"><li>Design and development of an e-commerce website for the sale of the company's products, using HTML, CSS, JavaScript, and Bootstrap.</li><li>Use of MySQL for data management (products, users, and transactions).</li></ul>	Apr. 2021 - June 2021

## PROJECTS

<b>Personalized sports and nutrition monitoring platform</b> <ul style="list-style-type: none"><li>Development of a web application to manage training and nutrition programs based on user goals, with daily tracking.</li><li>Integration of a generative AI module to adapt plans (nutrition &amp; exercise) based on user progress and feedback.</li><li>Implementation of an interactive dashboard for performance tracking and visualization.</li></ul>	Mai 2025 - Oct. 2025
<b>Development of an intelligent agent combining LLMs and MCP protocol (PFE)</b> <ul style="list-style-type: none"><li>Implementation of model-based agents (LLMs) capable of communicating with various MCPs to automate specific tasks (e.g., GitLab management, email processing, etc.).</li><li>Multi-MCP integration ensuring personalized and operational contextual assistance based on user roles.</li><li>Ensuring seamless communication between agents and MCPs to optimize workflows.</li></ul>	March 2025 - June 2025
<b>University Chatbot (RASA)</b> <ul style="list-style-type: none"><li>Development of a chatbot for the Faculty of Sciences website, facilitating access to academic and administrative information with the RASA framework</li></ul>	Nov. 2024 - Feb. 2025
<b>Development of a credit rating system for banking institutions</b> <ul style="list-style-type: none"><li>Design and implementation of a credit scoring system to assess the solvency of bank customers.</li><li>Use of Python libraries such as NumPy, Pandas, and Scikit-learn for data processing and analysis.</li><li>Application of machine learning techniques to train and validate predictive models.</li></ul>	June 2024 - August 2024
<b>Application for tracking a person in a network of smart cameras</b> <ul style="list-style-type: none"><li>Developed a system to track a person across a network of smart cameras using computer vision techniques and network communication protocols.</li><li>Implemented algorithms for detecting and tracking human subjects in real-time video streams from multiple cameras integrating with OpenCV for image processing.</li></ul>	Mar. 2021 - June 2021

## SKILLS

- Programming Languages:** Java, Python, JavaScript, PHP, R, SQL, PLSQL
- Data Analysis and Visualization:** Power BI, Pandas, NumPy, Matplotlib
- Machine Learning & AI:** Regression, Clustering, Supervised & Unsupervised Models, Scikit-learn, Image Processing (OpenCV)
- Deep Learning & Advanced AI:** Neural Networks, TensorFlow, PyTorch, NLP, LLMs, Generative AI, MCP (Model Context Protocol)
- AI Frameworks & Tools:** LangChain, LangGraph, FastAPI, Zapier, n8n, Hugging Face
- Database Management:** MySQL, MongoDB, Oracle
- Development & DevOps Tools:** Git, Jupyter Notebooks, Docker, Jenkins
- Languages:** Arabic (Native), French (Fluent), English (Professional), German (Fluent)
- Certificates:** Data Science Professional (Oracle), AI (Huawei), Python for Data Science and Machine Learning (Udemy), DevOps CI/CD Using Jenkins and Docker (Orange Digital Center), Power BI (365 Data Science), Intro to Data Engineering (365 Data Science)