

aicha amel DJELLOUL

Business Intelligence Engineer - Data Scientist

aichaamal.djellooul@yahoo.com

59000, Lille, France / 1324 Bouneweg-Stud Luxembourg

+33 777409783

Master's student in Artificial Intelligence at École Centrale de Lille, France, with a specialization in Data Science and Python development. Currently completing my second internship at Amazon, where I work on optimizing the transportation logistics network by developing custom metrics, analytical tools, and automated solutions using AWS services, in an environment that combines data science, engineering, and operational performance.

EDUCATION

Master in Artificial Intelligence - MIAS

Since September 2023

École Centrale de Lille, Villeneuve-d'Ascq

Bachelor's degree in Computer Systems

From September 2019 to August 2022

Ferhat Abbas University, Sétif, Algeria

Master 1 in Artificial Intelligence and Fundamental Computer Science.

WORK EXPERIENCE

Internship - Business Intelligence Engineer

Since January 2025

Amazon, Luxembourg, Luxembourg

- Optimization of the transportation logistics network across Europe through the creation of new metrics and implementation of analytical models.
- Development of automated tools for visualization, monitoring, and performance analysis of transportation operations.
- Design and deployment of robust data pipelines on **AWS** (Athena, S3, Lambda, Glue, etc.).
- Collaboration with international teams (operations, science, product) to translate business needs into data-driven solutions.
- Drafting of technical documentation and presentation of analyses to non-technical stakeholders.

Internship - Business Intelligence Engineer

From April 2024 to September 2024

Amazon, Luxembourg, Luxembourg

- Development of analytical solutions using tools such as Tableau, AWS QuickSight, and Cognos.
- Adoption of best practices in reporting and analysis to ensure data integrity and result quality.
- Writing high-quality code in Python, Java, and R to efficiently retrieve and analyze data.
- Designing pragmatic analyses and automated metrics to meet specific business sector needs.
- Developing comprehensive or exploratory analyses to identify improvement opportunities and make informed decisions.
- Proactive use of SQL and Excel skills to query and model necessary data.
- Continuously improving my understanding of relevant business goals and available data resources at Amazon.

Freelance - Python Odoo Developer

From June 2022 to August 2023

WIKEYS, Saint-Denis, France

- Development and maintenance of custom modules for the Odoo ERP system using Python and the Odoo framework.
- Participation in agile development methodologies. Conducting software testing and debugging to ensure high-quality deliverables.
- Implementation of customized features based on client requirements.
- Providing technical support and training to end-users to ensure smooth adoption of the system.
- Identifying possible enhancements to optimize the performance of the Odoo ERP system.

WORK EXPERIENCE	Internship - Bioinformatics Cancer Research Center, Sétif, Algeria <ul style="list-style-type: none"> • Development of machine learning models for cancer diagnosis using R and Python. • Analysis and interpretation of genomic data. • Collaboration with senior researchers to develop innovative approaches for genomic data analysis. 	From January 2023 to June 2023
	Freelance - Python Developer ITSourcecone, Jordan <ul style="list-style-type: none"> • Testing software and debugging to ensure high-quality deliverables. • Collaborating with team members to design and implement software features. • Documenting project progress and providing status updates to the project manager. • Developed and maintained custom modules for the Odoo ERP system using the Python programming language and the Odoo framework. 	From June 2023 to October 2023
LANGUAGES	French Fluent (C1)	
	English Fluent (C1)	
	Arabic Native	
COMPUTER SKILLS	Programming Languages Python, C++, SQL, PostgreSQL, Java, R.	
	Machine Learning Deep Learning, Neural Networks, Classification, Regression.	
	Data Analysis Data Mining, Data Visualization, Statistical Analysis, Excel.	
	Software Development Agile Methodologies, Version Control (Git), Software Testing.	
	Bioinformatics Genome Sequencing, Gene Expression Analysis, Variant Analysis...	
	Development of Odoo ERP Customization, Creation of new modules, etc.	
	Business Intelligence and Artificial Intelligence Ontology, Weka, CNN (Convolutional Neural Network), Protégé, Prolog, Quicksight, Redshift, Cognos...	
INTERESTS	Data Analysis	
	Cooking	
	Shopping	
	Travel	