Hisham Sharrouf

Data Scientist | ML Engineer

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Objective

I am seeking a data or AI-related position anywhere in France, where I can optimize business processes, reduce costs, increase efficiency, and minimize risks through advanced analytics and AI-driven solutions. With a few years of experience across diverse industries, I am adaptable and open to working with any type of data. My goal is to apply my expertise in AI and data optimization to drive impactful insights, enhance decision-making, and support companies in achieving their strategic objectives.

Skills

Programming Languages: Python, R, SQL, SAS

Tools & Technologies: Databricks, SAS Studio/Enterprise Guide, Apache Spark, Azure DevOps Boards

Areas of Expertise: Data Extraction, Data Visualization, Machine Learning, Data Security, Anomaly Detection, Computer Vision, and Optimization

Experience

Senior Data Scientist | Liaison R&D, France

September 2023 – Present

Designed manufacturing optimization solutions, reducing downtime in the production line.

Developed an anomaly detection system for computer vision in manufacturing.

Designed an intelligent monitoring system to quickly identify discrepancies and automatically correct machine deviations, ensuring optimal quality and performance in industrial production environments.

Data Science Tutor | OUREASYGAME LLC

May 2023 – September 2023

Assisted students with their data science and machine learning projects.

Data Scientist | B-Yond/Novelus

May 2022 – May 2023

Delivered AI-powered network automation solutions, specializing in time-series data.

Data Scientist Intern

Monty Mobile | *March 2022 – May 2022*

Developed machine learning models to predict future transactions.

MAPSGEO sarl | *January 2021 – May 2021*

Applied machine learning techniques to remote sensing data.

United Nations ESCWA | *August 2020 – October 2020*

Implemented machine learning algorithms on large datasets and conducted policy research.

Technician – After-Sales Service | Mitsulift Group

November 2016 – July 2020

Installed, maintained, and repaired elevators, escalators, and automated parking systems.

Diagnosed mechanical and electrical faults to ensure quick and efficient repairs.

Performed preventive maintenance to improve equipment reliability and ensure customer satisfaction.

Assisted in commissioning new equipment while following safety standards and manufacturer recommendations.

Provided technical support to customers and ensured quality after-sales service.

Collaborated with engineers and supervisors to implement technical improvements and optimize system performance.

Education

Master's in Information Technology (IoT) | Université Paris-Saclay

September 2023 – September 2024

Game Theory, Performance Evaluation, Blockchain, Internet of Things, Testing & Verification, Computer Science & Society, Entrepreneurial Challenge, Advanced Optimization, Security & IoT, IoT Communication Technologies, Cloud Computing, Concurrent & Distributed Programming

Master's in Artificial Intelligence | Université Saint-Joseph de Beyrouth

September 2022

Artificial Intelligence, Graph Theory & Operations Research, Mathematics for AI & Machine Learning

Bachelor's in Data Science | Lebanese University

2018 – 2021

Machine Learning, Advanced Data Analytics, Social Network Analysis, Big Data, Business Analytics, Advanced Web Development

Bachelor's in Electrical & Electronic Engineering | Lebanese University

January 2013 – August 2017

Certifications

Certified Machine Learning Engineer (Brightest, 2022)

16-Week Machine Learning Certification Program covering multiple AI domains (ZAKA Academy, 2022)

Advanced NLP with Python for Machine Learning (LinkedIn, 2022)

Apache Spark SQL for Data Analysts (Coursera, 2022)

Certified SAS Statistical Analyst (Using SAS 9) (SAS Software, 2019)

Languages & Other Skills

English Language Scholarship (U.S. Embassy in Beirut, Lebanon)

Leadership Program (Injaz Lebanon)

Languages:

French (Intermediate)

English (Advanced)

Arabic (Native)