



SCAN ME

KARIM EL-KHEDDOUMI

DATA SCIENTIST / FINTECH



CONTACT DETAILS

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ABOUT

I am **Karim EL-KHEDDOUMI**, a young **Data Scientist** with a Master's degree in **Artificial Intelligence** from the **National Institute of Statistics and Applied Economics**. My passion for artificial intelligence, data science, problem-solving, and quantitative finance has been the driving force behind my journey. Since I embarked on this path in 2018, I have been continuously striving to enhance my skills with the aim of making a meaningful contribution to the community.

LANGUAGES

ARABIC



Native

FRENCH



Fluent

ENGLISH



Fluent

GERMAN



Intermediate

COMPETITIONS & CERTIFICATIONS

PROFESSIONAL

"Data Science for Investment Professionals Certificate", CFA
in Progress / Expected Completion Date: **apr. 2024**

"Scrum Master Certificate", International Scrum Institute
Jun. 2021

ACADEMICS

COURSERA

- **deeplearning.ai**
 1. "Neural Networks and Deep Learning", Sept. 2019
 2. "Structuring Machine Learning Projects", Sept. 2019
- **IBM**
 3. "What is Data Science?" Aug. 2019
 4. "Introduction to Artificial Intelligence (AI)", Sept. 2019
 5. "Tools for Data Science" Sept. 2019
 6. "Data Visualization with Python", Oct. 2019
 7. "Python for Data Science, AI & Development", Sept. 2019

COMPETITIONS

- **CODE CHALLENGE, ENSIAS, Rabat**
Dec. 2019
Semifinalist
- **MCPC| 1337, Khouribga**
Oct. 2019
Participant, ranking 11/70
- **JNJD| INPT, Rabat**
Avr. 2019
Participant

PROFESSIONAL EXPERIENCE

Data scientist dans la gestion d'actifs



WAFA GESTION, Casablanca

janv. 2021- présent

- Participation in the implementation and maintenance of Wafa Gestion's decision support system.
- Development of scraping scripts for various websites (Casablanca Stock Exchange, Bank Al-Maghrib, ASFIM, etc.).
- Automation of report generation without human intervention.
- Preparation of dashboards for various departments at Wafa Gestion.
- Development of APIs to facilitate data consumption.
- Design and development of various performance and risk indicators used in the asset management field.
- Development of prediction and classification models using machine learning.



Data scientist -Stage de fin d'étude

IRIT/ANITI, Toulouse

Mars 2020-Aout 2023

- Implementation of a user preference-based decision support system.
- Conducting a literature review on various user preference-based decision support systems.
- Utilizing advanced combinatorial optimization methods to enhance the system's efficiency.
- Assessing the practical feasibility of the proposed approach by establishing a testing protocol on simulated datasets.

EDUCATION



Master of Science Information & Intelligent Systems

National Institute of Statistics and Applied Economics (INSEA), Rabat

Sept. 2018 - Sept. 2020



Bachelor's degree in Mathematics and Computer Science

Abdelmalek Essaadi University - Faculty of Science, Tetouan

Sept. 2017 - Jun 2018



General University Studies Diploma in Mathematics and Computer Science

Abdelmalek Essaadi University - Faculty of Science, Tetouan

Sept. 2015 - Jun 2017

Baccalaureate in Mathematical Science

Abi Rabie Sabti High School, Fnidek

Sept. 2013-Jun 2014

SKILLS AND QUALIFICATIONS

- **Financial Data Analysis:** Experience in extracting critical information for portfolio and investment decision-making.
- **Financial Modeling:** Creating advanced models to evaluate investment profitability and guide financial management.
- **Competitive Analysis:** Collecting and analyzing competitive data to inform business strategies.
- **Programming:** Proficient in Python, VBA, and SQL for data analysis and finance.
- **Machine Learning and Artificial Intelligence:** Utilizing AI to automate predictions and optimize decision-making.
- **Data Visualization:** Experience in creating interactive dashboards with Power BI and Excel to make financial data more accessible and informative.