



SCAN ME

# KARIM EL KHEDDOUMI

JUNIOR DATA SCIENTIST



## INFOS CONTACT

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## MY OBJECTIVES

Recently graduated from **INSEA**, I am passionate about Data Science and Artificial Intelligence. I have strong knowledge in machine learning, deep learning, big data, image processing, combinatorial optimization and BI, looking for of a new challenge.

## LANGUAGES

ARABIC



read, written and spoken

FRENCH



read, written and spoken

ENGLISH



read, written and spoken

GERMAN



read, written and spoken

## COMPETITIONS & CERTIFICATIONS

**12/2019 | Code Challenge, ENSIAS Rabat**  
semi- final

**10/2019 | MCPC. 1337 KHORIBGA**  
ranking 11/60

**09/2019 | IBM sur Coursera**  
"Python for Data Science and AI" / "Data Visualization with Python"/"Open Source tools for Data Science"

**09/2019 | deeplearning.ai in Coursera**  
"Neural Networks and Deep Learning" /  
"Structuring Machine Learning Projects"

**06/2019 | Openclassrooms**  
"Java and multi-threading"

**04/2019 | JNJD, INPT**  
ranking 20.

**04/2015 | Goethe-Institut Rabat**  
"Goethe zertifikat B1"

## EDUCATION



**Master of Sc. Information Systems and Intelligent Systems**

National Institute of Statistics and Applied Economics (INSEA),  
Rabat | 09/2018-09/2020



**Bachelor's degree in Mathematics and Computer Science**

Abdelmalek Essaadi University - Faculty of Science, Tetouan |  
09/2017-06/2018

**Two-year University degree Science Mathematics and Computer Science**

Abdelmalek Essaadi University - Faculty of Science, Tetouan |  
09/2015-06/2017

**Baccalaureate in Mathematical Science**

Abi Rabie Sabti High School, Findeq | 09/2013-06/2014

## PROJECTS & INTERSHIPS

**10/2020 | Credit card fraud detection | Personal project :**

Build a deep learning model that is can detect fraudulent transactions based on a dataset from Kaggle

**03/2020-08/2020 | Preferences compilation for decision support systems - Research Internship | IRIT/ANITI, Toulouse :**

Study how preferences can be compiled, in order to enable fast answering for decision support systems

**12/2019 | Real-time Sentiments analysis | INSEA, Rabat :**

Using big data tools to build a real-time sentiment analysis system

**11/2019 | Face Recognition Attendance App | INSEA, Rabat :** Building a simple face recognition application using Python and openCV with a tkinter gui interface

**05/2019 | Nurse planning | INSEA, Rabat :**

Using constrained programming approach to solve the nurse scheduling problem (NSP) and implementing it with java and choco solver

**06/2018 | Math Learning Game | FS, Tetouan (Bc. final yaer project) :**

Building an Android application in order to help children to understand math basics

## SKILLS

### PROGRAMMING LANGUAGES

java, python, C, php, PL\ SQL, prolog, lisp

### DATA SCIENCE LIBRARIES

NumPy, Pandas, Matplotlib, Scikit-Learn, Seaborn, OpenCV, Tensorflow, Keras

### DESIGN AND ANALYSIS

UML, BPMN

### SOFTWARE & OPERATING SYSTEMS

SPSS, Matlab, Android studio, SQL server, Ubuntu, Windows.

**Deep learning , Machine learning, Data analysis, Data warehouse, Big data, Project management, Constraint programming, Problem-solving**