



# KARIM EL KHEDDOUMI

JUNIOR DATA SCIENTIST



## INFOS CONTACT

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Portfolio:  
elkheddoumi10.github.io/karim\_portfolio/post/

## 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 Statistic and Applied Economic (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 & INTERNSHIPS



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

Build a deep learning model which is able to detect fraudulent transactions based on a data set 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**