

# KARIM **EL KHEDDOUMI**

JUNIOR DATA SCIENTIST

# INFOS CONTACT

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Portfolio : elkheddoumi.github.io

## 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



**FRENCH** 



read, written and spoken read, written and spoken

**ENGLISH** 



**GERMAN** 



read, written and spoken read, written and spoken

# **COMPETITIONS & CERTIFICATIONS**

12/2019 | Code Challange, 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 | Openclassroms

"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



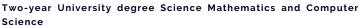
National Institute of Statistics and Applied Economics (INSEA),

Rabat | 09/2018-09/2020

Bachelor's degree in Mathematics and Computer Science

Abdelmalek Essaadi University - Faculty of Science, Tetouan |

09/2017-06/2018



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

**Baccalaureate in Mathematical Science** 

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

# PROJECTS & INTERNSHIPS

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

Build a deep learning model that is can 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. And implements a preferences compiler with java.

#### 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

# 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

math basics.

# SOFTWARE & OPERATING SYSTEMS

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

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

