



# Abdelkader KADDOUR

Single, Computer Science Engineer

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Médéa, Algeria 📍

January 01, 1996 📅

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A goal-driven individual with strong critical thinking and problem-solving skills. Self-motivated, energetic, disciplined, eager to learn new skills and dedicated (the kind of person who gets things done no matter how big or small the job is, as well as fix any problem that may arise in the line of duty).

## EDUCATIONS AND FORMATIONS

### Master in Intelligent Computer Systems (AI)

University of Science and Technology Houari Boumediene (USTHB) 📍

09/2017 - 09/2019

Bab Ezzouar, Algiers

### Bachelor in Computer Science

University of Science and Technology Houari Boumediene (USTHB) 📍

09/2014 - 06/2017

Bab Ezzouar, Algiers

### Baccalaureate degree (Mathematical option)

High School Mustapha Nabi

06/2014

Berrouaghia, Médéa

## EXPERIENCE

### National military service

Ministry of National Defense (Algeria)

01/2020 - 01/2021

Algeria

### Master's Degree Final Project

Development of an automatic summarization system for documents classifications

09/2018 - 09/2019

Bab Ezzouar, Algiers

Automatic Natural Language Processing Laboratory (LRIA-USTHB) <http://lria.usthb.dz/>

#### Achievements

- Building different types of corpora for text classification.
- Implemented an Algorithm for Automatic Text Summarization.
- Building powerful classifiers.
- Proposing two solutions to improve the classification of texts using text summarization, both solutions showed very satisfactory results.
- Created a smart application for (texts, documents, web pages) summarization and classification.

### Bachelor's Degree Final Project

Noise reduction from medical images (IRM, ULTRASOUND)

10/2016 - 06/2017

Bab Ezzouar, Algiers

Laboratory of Image Processing and Radiation (LTIR-USTHB) <http://www.ltir.usthb.dz/>

#### Achievements

- Building linear, non-linear and adaptive (intelligent) filters for image processing.
- Evaluated and compared the filters on different types of images.
- Created a desktop application that takes a noisy image as an input, then selects the best filter to be applied upon the image in order to decrease the noise within it.

## COMPETENCES

Programming languages: Python, Java, C, JavaScript.

Machine learning (scikit-learn, TensorFlow, keras).

web (JavaScript, HTML, CSS, Falsk, React).

Database (SQL, NoSQL, SQLAlchemy).

Version control systems (Git, Github).

Systems (Linux, Windows).

Office (Microsoft office, latex).

Driver's licence in Algeria (B Category).

## LANGUAGES

Arabic  
Native

French  
Professional Working Proficiency

English  
Advanced

## HOBBIES

Swimming athlete

Reading

Running

Fitness

Robotics

Electronics