



Abdelkader KADDOUR

Single, Computer Science Engineer

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).

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📍 Médéa, Algeria

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📅 January 01, 1996

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).

PROJECTS AND REALIZATIONS

A smart application that aims to help linguists and lexicographers in the task of creating and maintaining an Arabic historical dictionary.

- Python

An application that detects the movements of the elderly in order to alert their families or ambulances in case of danger using a neural network.

- Matlab

Using the classical search algorithms and swarm intelligence algorithms to find a solution for the SAT problem.

- Java

Application that simulate a pen to draw on screen using the computer's webcam to detect fingers.

- C++ (OpenCV, Qt)

Implementation of an expert system to simulate a sales and purchasing environment.

- Java (jade)

Implementation of different models used in information retrieval in order to create a small search engine.

- python

LANGUAGES

Arabic
Native

French
Professional Working Proficiency

English
Advanced

HOBBIES

Swimming athlete

Reading

Running

Fitness

Robotics

Electronics