



# MOUAD SADKI

ENGINEERING STUDENT

Portfolio: [sadkim.github.io](https://sadkim.github.io)

## ABOUT ME

Motivated and Dynamic. Skilled in problem solving, programming and machine learning.  
**Looking for a 2-4 month internship (from 25/05/2021).**

## CONTACT

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## LANGUES

**Arabic:** Mother Tongue.  
**French:** Fluent.  
**English:** TOEIC score 870 (B2).  
**German:** Beginner (A1.2).

## SKILLS

**Programming:** C - Java - Python - SQL - R - Assembly.

**Web Technologies:** HTML/CSS - JavaScript - JEE - MVC.

**Tools:** UML - Maven - Git - Latex - office.

## INTERESTS

**Sports:** Football, Swimming.  
**Cinema:** Movies and series.  
**Video games.**



## EDUCATION

### 2019-2022 Grenoble-INP ENSIMAG, UGA

**Speciality:** Information Systems Engineering.

- Construction of web applications (JSP / Servlets - Tomcat - JEE - JDBC).
- Networks and Security.
- Operating systems and concurrent programming.
- Statistics, Machine Learning.
- Software analysis design.

### 2017-2019 CPGE Moulay Driss (Morocco)

**Speciality:** Mathematics and Physics(MP\*).

- Top 100 at the Common National Competition.

### 2017 Baccalaureate- Al Moustakbal (Morocco)

**Speciality:** Mathematical Sciences.

**Graduation:** with highest honour (grade 18/20).



## PROJECTS

### AD-HOC VIDEO SEARCH

ENSIMAG - Laboratory of Informatics of Grenoble, March 2021

- **Description:** Model the end user search use-case, who is searching (using textual sentence queries) for segments of video containing persons, objects, activities, locations, etc. and combinations of the former. In order to participate in **TRECVID 2021 Challenge**.
- **Team:** 5 students and 2 researchers.
- **Langages/Tools:** Python.

### DECA COMPILER

ENSIMAG - January 2021

- **Description:** Built a compiler for the DECA language, based on notions of language theory and programming with assembler.
- **Team:** 5 students, Project management with agile method.
- **Langages/Tools:** Java, Maven, Jacoco, ANTLR, GIT.

### SOFTWARE LIBRARY MANAGING GRAPHIC INTERFACES

ENSIMAG - June 2020

- **Description:** Built a software library that facilitates the programming of Graphical User Interfaces (composed of windows and interactors such as buttons, input fields, etc.).
- **Team:** 3 students.
- **Langages/Tools:** C.



## EXPERIENCE

### COMPLETUDE Grenoble

Tutoring - 2019

- Support courses in mathematics and physics for high school graduates.