



# MOUAD SADKI

ENGINEERING STUDENT

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

## ABOUT ME

Motivated, dynamic and passionate about **problem solving, architecture** and **development** of high performant and scalable software.

## CONTACT

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## LANGUAGES

**Arabic:** Mother Tongue.  
**French:** Fluent.  
**English:** B2 Level.  
**German:** A1.2 Level.

## SKILLS

### Languages :

Java - Python - JavaScript - C/C++ - SQL.

### Frameworks :

ReactJs - Flask - Spring Boot - JEE.

### Databases :

MongoDB - Cassandra - SQLite - PostgreSQL.

### Tools :

Docker - Kubernetes - Hadoop - Spark - Xpath  
- GraphQL - XQuery - Maven - Git.

## INTERESTS

**Sport:** Football, Swimming.  
**Cinema:** Movies and tv shows.



## EDUCATION

### 2021-2022 Exchange - TUM (Munich Allemagne)

**Département :** Informatics, 01/10/2021 - 31/03/2022.

- Advanced topics in Software Engineering (Micro-services, Cloud, Serverless, Blockchain).
- Foundations in Data Eng. (Big Data, Hadoop, Spark)

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

**Field :** Information Systems Engineering.

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

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

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



## PROFESSIONAL EXPERIENCES

### End of studies Internship - ATOS

Grenoble - 07/03/2022 - Ongoing

**Missions :** Design, develop and containerize an application for managing employees absences.

- **Languages/Tools:** ReactJS, Python (Flask), PostgreSQL, Docker, Kubernetes.

### E-learning plateforme - TUM

Munich, 02/10/2021 - 25/02/2022

**Missions :** Design and develop users management, content creation, certificates of achievement and badges systems.

- **Langages/Outils:** ReactJS, Flask, MongoDB, Github.

### Engineer Assistant Internship - LIC Laboratory

Grenoble - 01/06/2021 to 30/07/2021

**Missions:** Contributed to Meeduse software by developing Eclipse plugins.

- **Langages/Outils:** Java, JavaFX, SWT / Jface (UI).



## PROJECTS

### VIDEO SEARCH SYSTEM

ENSIMAG - Laboratory of Informatics of Grenoble, February - Mars 2021

- **Link :** <http://mrim.imag.fr/trecvid/>
- **Description:** Model the end-user search use-case who is searching (using textual sentence queries) for segments of videos containing persons, objects, etc, and combinations of the former, in order to participate in the TRECVID 2021 Challenge.
- **Team:** 5 students and 2 researchers.
- **Langages/Tools:** Python, Git.