



**Maha Marwa Bourada**

Master 1 student in Mathematics and Computer Science Applied to Social Sciences

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## About

Currently a Master 1 student with a Bachelor's degree in Software Engineering, I have solid skills in web development and databases, which have allowed me to contribute in the development of creative and innovative projects, demonstrating my rigor, teamwork and analytical spirit.

## Education

- **Master 1 Mathematics and Computing Applied to Social Sciences**  
September 2024 Paris 8 University Paris
- **Master 1 Software Engineering and Intelligent Systems**  
From September 2023 to June 2024 University of Abdelhamid Mehri Constantine, Algeria
- **Bachelor of Software Engineering**  
From November 2020 to July 2023 University of Abdelhamid Mehri Constantine, Algeria
- **Baccalaureate in "Experimental Sciences"**  
September 2020 Saadane Sisters High School Constantine, Algeria  
Mention "Good"

## Projects

### Toward Building a Secure Competitive Learning Platform for Machine Learning Challenges

Graduation project (Bachelor's degree)

<https://github.com/MahaBourada/BotsCompete>

- **Objectives:**

This project aims to build a competitive learning platform that enhances students' learning experience through gamification and improves their computer science skills. Additionally, the platform simplifies the job search process by displaying relevant job opportunities posted by recruiters, making it easier for job seekers to find work.

- **Technologies used:** MySQL, React JS, node.js

### Thiqa - Mobile Application

<https://github.com/MahaBourada/Thiqa-Commercial-Register-Mobile-App>

A mobile app that allows you to submit a request for a commercial register.

- **Technologies used:** Android Studio, XML, Java, Firebase authentication, realtime database

### "Walmart Recruiting - Store Sales Forecasting" Challenge

<https://github.com/MahaBourada/Walmart-Recruiting-Store-Sales-Forecasting>

Predicting the weekly sales of the Walmart historical sales dataset.

- **Technologies used:** Jupyter Notebook, Python (Pandas, Numpy, Matplotlib, Seaborn, Random Forest Regressor)

### Assurini - Administrator management website

[https://github.com/MahaBourada/React\\_Weather\\_App](https://github.com/MahaBourada/React_Weather_App)

A website for managing insurance companies and offers, as well as viewing the application's data statistics.

- **Technologies used:** ReactJS, Node.js, Express.js, MongoDB (MERN Stack)

📅 21 years old

🇫🇷 French

## Skills

ReactJS

node.js

express.js

JavaScript

Android Studio (XML, Java)

TailwindCSS

Styled components

HTML & CSS

MySQL

MongoDB

Python

Jupyter Notebook

Java

C

Unified Modeling Language (UML)

Git

LaTeX

## Languages

**French**

Native language

**Arabic**

Native language

**English**

C2

## Assets

Analytical mind

Rigorous

Teamwork

## Interests

Video games

Photography

Drawing

Reading