# Mahmoud Zakaria
24 years

**Software engineer and Full Stack developer at UM6P**

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## ⬤ PROFESSIONAL EXPERIENCES

**From 12/19/2022 to Present |** One-year fixed-term contract at the University Mohammed VI Polytechnic of Ben Guerir as a full-stack developer.

**From 10/18/2021 to 03/23/2022 |** Internship as an assistant professor in Sagi Ben Guerir private school.

**From 04/01/2021 to 06/01/2021 |** Final internship at the Development Department of Ziryab Tec.

→ **Subject :** Implementation of an online training platform using Laravel.

**From 04/01/2020 to 06/01/2020 |** Final internship at the Development Department of Ziryab Tec.

→ **Subject :** Mobile application for managing tourist data using Django and Django REST Framework.

**From 08/01/2019 to 08/30/2019 |** Initiation internship at the HR Development Department of OCP BEN GUERIR.

→ **Subject :** Development of a web application for managing dental clinics.

**From 03/05/2018 to 05/06/2018 |** Operator internship in the Maintenance Department at LEONI CASABLANCA.

**From 11/01/2017 to 01/01/2018 |** Observation internship in the Maintenance Department at LEONI CASABLANCA.

## ⬤ ACADEMIC EDUCATION

**2021 – Present |** Student at 1337, the programming school of the Mohammed VI Polytechnic University of Ben Guerir, enrolled in the "Architect in Digital Technologies" program.

**2020 – 2021 |** Professional License at the Polydisciplinary Faculty of Sidi Bennour, Computer and Applied Mathematics Department, Computer Option.

**2018 – 2020 |** DUT Diploma at the Higher School of Technology of Sidi Bennour, Computer Engineering Department.

**2017 – 2018 |** First Year at the Institute of Training for the Automotive Industry in Casablanca, Automated Systems Department.

**2017 – 2018 ( December → May ) |** Computer-Aided Industrial Design Training (Catia and SolidWorks) at the School of Technical and Commercial Action - Casablanca.

**2016 – 2017 |** Baccalaureate in experimental sciences, Physics option, Abdallah Ibrahim High School - Ben Guerir.

## ⬤ TECHNICAL SKILLS

**Programming Languages |** C/C++, JavaScript, TypeScript, Python, Php, Java, C#,Dart.

**Frameworks and Libraries |** Vue.js , Angular, Laravel, ExpressJS, Flutter, Bootstrap, jQuery.

**Database Management Systems |** MongoDB, PostgreSQL, MySQL, Oracle Database.

**Virtualization and Containerization Tools |** Docker, VirtualBox, Vmware.

**Version Control Software |** Git.

**Operating Systems |** Ubuntu, Zorin OS, CentOS.

**Project Management Tools |** IceScrum, MS Project.

**Analysis and Design Methods |** Merise, UML.

**Server Technologies |** Node.js, Apache.

**Content Management System |** WordPress.

## ● ADDITIONAL INFORMATION

→ Design and development of several web applications in the field of bioinformatics within the AGC department, accessible at bioinformatics.um6p.ma.

→ In collaboration with other students from 1337 school, we created the 'ft_transcendence' project, a 2D web ping-pong game. I was responsible for the frontend development of the game.

→ Creation of a web application for managing dental clinics.

→ Creation of a pharmacy management application.

→ IImplementation of a web-based restaurant delivery application.

→ I managed and maintained the servers of the AGC department.

→ Creation of a web browser extension, 'WhatsApp Web Config' aimed at improving privacy by adding additional tools and options to WhatsApp Web.

→ Creation of WordPress themes (Steduty, Online Training Platforms).

→ Creation of WordPress extensions (Online Training Platforms, Switching ADS).

→ Completion of the fingerprint-based absence registration project with Arduino and a mobile application.

→ Creation of a quiz application with Angular 11.

→ Industrial drawing certification (SolidWorks; AutoCAD) from ATC Casablanca School.

## ● LANGUAGES

Arabic **|** English **|** French

## ● HOBBIES

Reading | Traveling | Sports