

# ILYAS MAKHOUL

Engineering Student



## Profile

I am a second-year computer engineering student at the National School of Applied Sciences of Fez (bac+4). I am a passionate programmer who masters several programming languages. My particular interest lies in the development of web/android applications and games, as well as AI - Machine Learning - Deep Learning."

## EDUCATION

### HIGH SCHOOL

- 2020 - Bac in Mathematics Science B

### UNIVERSITY

- 2020-2022 - **Preparatory Cycle**

National School of Applied Sciences, Fez

- Since 2022 - **Engineering Cycle in  
Computer Engineering**

National School of Applied Sciences, Fez

## LANGUAGES

English - Intermediate

French - Intermediate

Spanish - Beginner

Arabic - Fluent

## CERTIFICATS

- Development Front-End : HTML -Great learning
- Development Front-End : CSS -Great learning
- Development Front-End : JS -Great learning
- Development Front-End : Java -Great learning
- Development Front-End : Java -Alison
- Development Front-End : C++ -Great learning
- Upper Intermediate B2 : English -EF SET



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<https://ilyasmak.github.io/I/LYA/S.html>



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ILYAS MAKHOUL

## EXPERIENCE

July 2023

Internship at ARTIweb in Fes

Development of the EasyStay platform for hotel search at the international level.

## SKILLS

- **Development of websites, Android or desktop applications**
- **Design and modeling of databases**
  - MERISE, UML, ODMG ODL
- **Software environments**
  - Eclipse IDE, DEV C++, Matlab, Visual Studio Code, LabVIEW, Android Studio, GitHub, Visual Studio Code, Spyder, Jupyter, ArcGIS
- **Database management languages**
  - MySQL, PHP, Oracle
- **Programming languages**
  - C/C++, Java, HTML, CSS, JS, Matlab, Shell script, Kotlin, C#, Python
- **Proficiency in Geographic Information Systems (GIS)**
- **Use of APIs (Data Servers)**
- **Frontend and backend programming**
- **AI - Machine Learning - Deep Learning**
- **Technologies: .NET, ASPcore, Windows Forms**
- **Mastery of Java EE**
- **Project management tools**

## PROJECTS

### Web Development

- Online sales platform Flashop , E-Commerce - ASP.NET Core MVC
- EasyStay web application for international hotel search - HTML, CSS, JS
- My personal portfolio - HTML, CSS, JS

### Development of desktop applications

- Business management application - C# Windows Forms
- Notepad, stopwatch - C# Windows Forms
- Multiple-choice question management application - Java
- Lane identification application - MATLAB
- Image processing application - MATLAB
- Calculations application (Simplex) - MATLAB

### Android application development

- MCQ (Multiple Choice Questions) management application - Java Android Studio
- Notepad, calculator - Java Android Studio

### Game development

- Image memorization game, Tic-Tac-Toe - C# WinForms
- Tic-Tac-Toe game - Java Android Studio
- Snake, Tic-Tac-Toe, Tetris - JAVA