

# CHIHEB HMIDA

SOFTWARE INGENEERING STUDENT

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## PROFILE

I am a software ingeneering student at the National School of Computer Science, with a solid background in developing and maintaining embeded systems. Proficient in a variety of programming languages, including Python, Java, C, and C++. Skilled in agile development methodologies and a strong team player. Seeking new opportunities to apply my skills and continue learning.

## EDUCATION

Sep 2019 - 2022

**PREPARATORY INSTITUTE EL MANAR**

- Graduated with 41/830 rank in the national contest.

Sep 2022 - Present

**NATIONAL SCHOOL OF COMPUTER SCIENCES**

- Specialized in embeded systems and software.

## SKILLS

**PROGRAMMING LANGUAGES:** C/C++, C#, Bash, Assembly, VHDL, Phython, JAVA, JS, SQL  
**MICROCONTROLLERS:** Arduino UNO, ESP32, STM32, FPGA.  
**FRAMWORKS:** React JS, Flask, Tikinter, Flutter.  
**TOOLS:** VS CODE, Git\GitHUB, Arduino IDE, Keil, Kuartus, STM32Cubemx.  
**PLATFORMS:** GNU Linux (Debian, Ubuntu, Rasbian) / Windows.  
**SOFT SKILLS:** Leadership, Project management, Communication, Public speaking.

## PROJECTS

**SMART GUARD SHIN (ESP32, UNITY, DATA VISUALIZATION):** **DEC 2022 - PRESENT**  
An indoor positioning system worn by soccer players to display real time inforamtion on a unity human interface, used by the technical staff to monitor player performances in order to insure a high reactivity leading to crucial strategic choices. Components: ESP32 UWB, NRF24L, MPU9250.  
> <https://github.com/Awsgandouz/SmartTag>

**ROBOCAPP (ANDROID STUDIO, FIREBASE, JAVA, QR CODE):** **JUN 2022 - AUG 2022**  
A mobile application developed with Android Studio in Java with the aim of digitalising the data management of the RoboCup, the main event of the ENSI Robotics Association.  
> <https://github.com/fantarRaed/RobocApp>

**LOGIK (SURIIOUS GAME, DART, FLUTTER):** **MARS 2021 - MAY 2021**  
LOGIK! is a mobile app with 4 mini-games that aim to develop various skills and aptitudes. The games are designed for different age groups and feature categories.  
> <https://github.com/ismailbouhlel611/Logik->

**ARE WEBSITE (REACT JS, HTML, CSS): (PROJECT MANAGER)** **FEB 2023 - PRESENT**  
A website hosting an overview of the ENSI Robotique Association events and activities.  
> <https://github.com/CHIheb0022/ARE-Website>

## EXPERIENCES ASSOCIATIVE ACTIVITIES

**TREAUSER AT ENSI ROBOTICS ASSOCIATION** June 2022 - Present  
**PROJECT MANAGER AT THE TUNISIAN E-GOUVERNACE SOCITY** May 2022 - October 2022  
**ORGANIZED ROBOCUP ENSI 5.0** 16 October, 2022  
**ORGANIZED SUPERCUP 4.0** 15 February, 2023  
**ORGANIZED BOOTCAMP 4.0** 22-23 Mars, 2023

## LANGUAGES

- Arabic: Native
- English: Fluent
- Frensh: Intermediate

## HOBBIES

- Football, Volleyball, Cycling
- Design, Photoshop, Blender
- Camping, Cooking