HADDAN REDA

Graduate Seeking First Opportunity in Mobile/Web Development.

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Education

- **UNIVERSITY HASSAN 2 -**
  FACULTY OF SCIENCE AND TECHNOLOGIES.
  B.S. ,
  Computer Science, networks, Multimedia.
  Mohammedia
- **UNIVERSITY HASSAN 2 -**
  FACULTY OF SCIENCE AND TECHNOLOGIES.
  D.E.U.S.T. ,
  Math, Computer Science, Physics.
  Mohammedia
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  D.E.U.S.T. ,
  Math, Computer Science, Physics.
  Mohammedia

Projects

- hredaportfolio.vercel.app
- github.com/R3-da

Languages

Arabic : C1

French : B2

English : B1

Technical Skills

Android Development | • Java/Kotlin • XML • Gradle • Jetpack Compose • React Native • Room DB • SQLITE • Dagger-Hilt • MVVM • JUnit

Web Development | • HTML • CSS • JavaScript • TypeScript • PHP • React JS • Bootstrap • Angular • Spring Boot • Firebase • MongoDB • MySQL • REST • JSON

Machine Learning | • Python • Tensorflow • MobileNetV2 • CNN

UX/UI Design | • Figma • AdobeXD

DevOps Tools | • Docker • Kubernetes • Jenkins • AWS

Electronics | • Arduino • C++

Sound Engineering | • FL Studio

Experiences

- **MVVM, SOLID PRINCIPLES, TESTING, GITFLOW, REACT NATIVE, FIREBASE, SQLITE.** | 2022-2023
  - Built a native Android note-taking application using the MVVM architecture, implementing SOLID principles, testing (unit, integration), and the Room database with Dagger-Hilt.
  - Utilized Git with the Gitflow branch model for version control.
  - Daytics: Built a cloud-based, cross-platform to-do list application that incorporates user authentication, using React Native framework and SQLite database.

- **NATIVE KOTLIN ANDROID DEVELOPMENT, FIGMA/ADOBE XD, ROOM DB.** | 2021-2022
  - Built an android sound player. (Kotlin, Jetpack Compose, Adobe XD)
  - Insectify : Published an android app for beetles detection. (Tensorflow MobileNetV2 CNN, Figma)

- **MACHINE LEARNING, PYTHON SCRIPTING, REACT NATIVE.** | 2020-2021
  - Built a web application for skin disease detection. (Flask, Keras)
  - End of Year Group Project : Built a React Native-based chatbot that utilizes machine learning to guide tourists throughout their stay in Morocco.
  - Tasks Automation on Windows. (folder structure creation, batch renaming files,...)
  - Web scraping. (Beautiful Soup, Selenium, and Requests)

- **ANDROID DEVELOPMENT.** | 2019-2020
  - Mastered the fundamentals of the React Native framework. (React Native)
  - Built layouts and understood native Android development concepts. (JAVA, OOP)

- **ARDUINO.** | 2018-2019
  - Basic knowledge of using programmable boards, particularly Arduino. (C)

- **UNITY, WEB DEVELOPMENT.** | 2017-2018
  - Good knowledge in Android game development using UNITY. (C#)
  - Web development skills. (HTML, CSS, JS, PHP)

Interests

Tech Trends (Actively monitor and analyze emerging technologies, industry developments, and digital innovations),

Open Source Contribution (Contributed to open source projects and worked with developers across the glob to deliver refined software),

Cycling (Participated in local and regional cycling events, Bike Commuting);

Sound Design (Composed Music, Created Sounds)