

HADDAN REDA

ANDROID DEVELOPER

PROFILE

As a 23-year-old possessing a Bachelor's degree in Computer Science from FST Mohammedia, I am deeply passionate about emerging technology trends, coding, sound engineering, and electronics. Through my fervor and dedication towards these areas of interest, I have been able to amass a substantial amount of knowledge and experience. Nonetheless, I remain steadfastly committed to furthering my education and enhancing my expertise. My selected career path is Android development, and my next objective is to secure a position at a software company where I can enhance my skills in team collaboration and contribute to valuable Android app projects.

INFO

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STACK OVERFLOW :

<https://stackoverflow.com/u/18568328>

LINKEDIN :

<https://www.linkedin.com/in/r-h-7zh>

EDUCATION

- **DEUST MIP - 1ST YEAR FST MOHAMMEDIA.**
Diploma of Scientific and Technical University Studies Mathematics Computer Science and Physics.
-> Algorithms and exploitation of structures and binary trees in C language.
- **DEUST MIP - 2ND YEAR FST MOHAMMEDIA.**
Diploma of Scientific and Technical University Studies Mathematics Computer Science and Physics.
-> Manipulation of relational databases using SQL query language.
- **LST IRM - 3RD YEAR FST MOHAMMEDIA.**
Bachelor's degree in Science and Technology in Multimedia Network Computing.
-> Web Programming, Mobile Programming, Machine Learning, Computer Networks.
-> EFY project : as a groupe project supervised by our professors during the quarantine era we've built an artificial intelligence-based tourist guide intended to assist visitors throughout their trip in Morocco, offering recommendations on tourist attractions, dining options, and lodging accommodations. (UML Modeling, React Native, PythonAnywhere, REST API, NLP, Web Scraping, Web Crawling, Selenium, Beautiful Soup, Requests, JIRA, Scrum)

EXPERIENCE

- 2017-2018 ● **UNITY, WEB DEVELOPMENT.**
-> Good knowledge of Android video games development, using the UNITY software. (C#)
Basic web development. (HTML, CSS, JS, PHP)
- 2018-2019 ● **ARDUINO.**
-> Basic notions on the use of programmable cards and especially the Arduino. (C)
- 2019-2020 ● **ANDROID DEVELOPMENT.**
-> Mastering the basics of the React-Native framework. (React-Native)
-> Building Layouts and understanding native java android developement concepts. (JAVA, OOP)
- 2020-2021 ● **MACHINE LEARNING, PYTHON SCRIPTING, FLASK, REACT NATIVE.**
-> Building a web app which detect the most common skin diseases using the FLASK framework and the Keras neural network library.
-> EFY project : chatbot in the form of an android application based on react-native that uses machine learning to guide tourists throughout their trip.
-> Automating tasks on Windows. (creating folder structures, batch renaming files,...)
-> Web scraping : using BeautifulSoup, Selenium and Requests libraries to extract data from various websites.
- 2021-2022 ● **NATIVE KOTLIN ANDROID DEVELOPEMENT, FIGMA.**
-> Building and publishing two android apps using native kotlin and the new jetpack compose toolkit, the first is an entertainment sound player app (interface design using Adobe XD), the second allows the detection of beetles and provides their scientific names using machine learning. (Tensorflow MobileNetV2 CNN, interface design using Figma)
- 2022-2023 ● **MVVM, SOLID PRINCIPLES, TESTING, GITFLOW, REACT NATIVE, FIREBASE.**
-> Building a note taking native android app using MVVM architecture, Applied SOLID principles to the development of a web application that reduced code complexity and improved maintainability and quality, and making sure to apply testing (Unit Tests, Integration Tests and UI Test) and implement Room Database using Dagger-Hilt.
-> Using Git (following the gitflow branching model) for version control, getting comfortable with collaborating on GitHub by contributing to open-source projects.
-> Cross-platform, cloud-based to-do list app that incorporates user authentication. The application enables users to manage their tasks across multiple devices, while ensuring that access to sensitive information is restricted to authorized users. The app leverages react-native cross-platform development and firebase cloud-based services to provide a scalable, secure, and seamless user experience.

SKILLS

