

Messaoudi Belkacem

Native android full stack developer, CS student (undergraduate)

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EXPERIENCE

NEXUS Security Club, ESTIN — *Communication department manager*

October 2023 - August 2024

EDUCATION

École supérieure en Sciences et Technologies de l'Informatique et du Numérique, Algeria Béjaïa Amizour 2CS (4th year) undergraduate

October 2021 - June 2026

PROJECTS

Movies — *Android app using java and XML*

Movies is a personal project that helped me get a glimpse on how to interact with restful APIs, it uses the TMDB api to get some info about the movies stored in the movies folder on the phone's local storage, it has a splash screen and uses bottom app bar for navigation and i added a custom video player with the help of media 3, and when it's offline it gets the data from the local database using room if it exists, and now i am trying to recreate it using jetpack compose

Astrocore — *Android app using kotlin and XML*

Astrocore is an app that i built alongside a friend of mine during the nasa space apps hackathon hosted by Sirius club in our school, it is an educational app that uses firebase for authentication and has lesson then challenge method to teach users some geological facts about other planets, it does not use an api, instead the data is stored locally

HomeSeeker — *Android app using jetpack compose/ Backend using spring and mysql*

HomeSeeker is a school project of the database module, this app allows users to post and announce real estates that are for sale, in the meantime browse and search houses that are for sale, also the user must create an account and login to access the app and do CRUD operations that are possible because of the use of retrofit, for this one i created the backend myself using spring and mysql, authentication was done by spring security, and the app is built using MVVM architecture

And more projects in my github: <https://github.com/Messaoudi-Belkacem>

SKILLS

- Kotlin, Jetpack Compose, Retrofit, Room, MVVM, navigation, dagger hilt, paging 3
- Java, XML, FXML, JavaFX, OOP, C, functional programming, Spring, JPA
- Python, matplotlib, Flask, AIMA3
- SQL, MySQL

LANGUAGES

- English (fluent)
- Arabic (native speaker)
- French (can read and write but cannot speak very well)