

# RAM BARADA

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Innovative optimized solution seeker. Excited to be at the deployment phase of my new career as a programmer/researcher. I am ambitious, adventurous, assiduous, animated, and an alliteration advocate.

## EDUCATION

present

**M2 IN COMPUTER SCIENCE**, LEBANESE UNIVERSITY

09/2022 – 07/2023

**M1 IN COMPUTER SCIENCE**, LEBANESE UNIVERSITY

09/2021 - 09/2022

**BACHELOR IN COMPUTER SCIENCE**, LEBANESE UNIVERSITY

Mobile Development, Web Development, Advanced Algorithmic, Data Structures, Networking, Object Oriented Programming, UML, Project Management, and more.

09/2018 - 07/2019

**LIFE SCIENCE DIPLOMA**, GEBRAN GHASSAN TWEINY ACHRAFIEH

## PROJECTS

4/2023 – 5/2023

- **Online Movie RESERVATION SYSTEM**
- Development of an online movie reservation system "[House of Movies](#)".
- Development of an API using java spring boot rest API.
- Design of an SQL Server database diagram and connecting it to the back-ends.

1/2023 – 2/2023

**DATA WAREHOUSE SYSTEM**

- Design and creation of a data warehouse system using Microsoft Power BI.
- Import and merge of data from multiple sources (oracle database, excel ...) and transforming the data by applying ETL operations using power query.
- Analysis and creation of dashboards using power BI tools.

03/2022 – 05/2022

### FINAL YEAR PROJECT CLUSTER-BASED SAMPLING ALGORITHM

- Development of a new sampling algorithm in python.
- Use of powerful python libraries like scikit learn.
- Implementation of a cluster-based sampling algorithm using the K-means clustering available in python that achieves a state-of-the-art performance for low sampling ratios.

1/2022 – 02/2022

### MEDICAL CENTER MANAGEMENT SYSTEM

- Development of a mobile application using android studio, java and xml languages for the frontend.
- Development of a backend using PHP language.
- Design of an MYSQL database diagram and connecting it to the back-end.

## TECHNICAL SKILLS

Tools	Visual Studio, GitHub, UML, Eclipse, Anaconda.
Languages/AGL	Html, CSS, SASS, Python, C++, C#, TypeScript, JavaScript, Android, Java, C, SQL, MySQL, SQLServer, PHP.
Frameworks	Angular, Bootstrap, ASP.NET, Spring, Linux, Microsoft.

## LANGUAGES

Reading	English (5/5) - French (5/5)
Writing	English (5/5) - French (5/5)
Speaking	English (5/5) - French (4/5)