



# Rola Dinnawi

Computer Science Graduate | Incoming Master's in Engineering (AI/ML)

A driven and hardworking computer science graduate from the American University of Beirut pursuing a Masters in Engineering - Artificial Intelligence and Machine Learning. Dedicated to improving in this field and eager to kickstart a career in tech!

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📅 15. January 2004

🐙 github.com/RolaDinnawi

## EDUCATION

### BS in Computer Science

American University of Beirut

08/2022 - 05/2025

3.80

#### Courses

- CMPS214: Design and Analysis of Algorithms
- CMPS271: Software Engineering
- CMPS279: Mobile App Development
- CMPS242: Computer Networks
- STAT230: Introduction to Probability and Random Variables
- CMPS240: Operating Systems
- CMPS240: Databases
- CMPS261: Machine Learning

### Virtual Exchange Student Program

Brandenburg University of Applied Sciences (THB)

10/2024 - 02/2025

#### Courses

- Photogrammetry II

## WORK EXPERIENCE

### Software Development Intern

Monty Mobile

06/2025 - Present

Beirut, Lebanon

#### Achievements/Tasks

- Develop Flutter applications while integrating firebase and other packages
- Learn about software architectures and implement MVVM
- troubleshooting and debugging

Contact : Nadim Elhaber - Nadim.elhaber@montymobile.com

## ORGANIZATIONS

Computer Science Student Society (09/2022 - 05/2025)

Association for Computing Machinery (ACM)  
(10/2023 - 05/2025)

Institute of Electric and Electronic Engineers Club  
(10/2023 - 05/2025)

## SKILLS

Java

C++

C

Python

Kotlin

HTML

CSS

JavaScript

Flutter

Firebase

php

fastapi

mobile app development

web development

leadership

teamwork

problem solving

adaptability

dependability

## PERSONAL PROJECTS

Capstone Project: Digitalization of Cultural Heritage  
(08/2024 - Present)

- Final year project in collaboration with the University of Applied Sciences in Germany, aiming to preserve culture using 3D Modeling, photogrammetry, machine learning, and web development. SEE HERE: beaufort.onrender.com

All Beats + other (06/2024 - 08/2024)

- A music rating and AI-recommendations android app. Done using XML, java, kotlin, FastAPI, and Flutter.
- Several other applications developed, each focusing on a different aspect of mobile development.

Hospital Database Management System  
(01/2024 - 05/2024)

- A database group project to manage a hospital integrated into a website. Done using MySQL, html, CSS, and php.

Unreliable/Reliable Data Transfer Channel  
(10/2024 - 12/2024)

- A computer networks project simulating UDP channel conditions then overcoming its limitations via an ACK-based layer. Done in Java.

Parallel Programming Projects (11/2023 - 10/2024)

- Several projects solving different problems, such as image data analysis, sorting algorithms, process tree implementation, and array counting through parallel programming. Done using Java/C.

Sentiment Analysis ML Project (02/2025 - 05/2025)

- Developed a model that understand speech and analyzes the sentiment. Using BERT and DistilBERT. Yields great results.

## CERTIFICATES

Dean's Honor List Certificate (09/2023 - 01/2024)

Dean's Honor List Certificate (09/2024 - 12/2024)

Best FYP Poster Award (08/2024 - 05/2025)