

# Zaynab Ballout

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## Education

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2020/10 – 2023/07      **Bachelor's degree-Data science**  
*University of Sciences and Arts(USAL)*

## Professional Experience

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2022/08 – 2022/09      **Zaka Artificial Intelligence Bootcamp trainee**  
I developed a strong foundation in NLP, computer vision, time series, and deep learning during this intensive 4-week Bootcamp, which I studied later in my third year at the university.

## Skills

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Machine learning	Programming Languages(Python, Java)
Front end web development	Data analysis
Deep Learning	Probability and Statistics
Time series Analysis	

## Projects

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### Recommender and Evaluation system

#### Senior project

This research explores recommendation systems, covering elements such as information gathering, preprocessing, and various recommendation algorithms like collaborative filtering, content-based filtering, and hybrid methods. The study emphasizes tailoring recommendations to individual user preferences using these algorithms. Evaluation is a key aspect, involving metrics like user feedback, accuracy, variety, and adaptability to cold start conditions.

### Bellisima

#### Web development course project

it was a website for a skincare therapy center that shows the services the center provides and the customer can book an appointment through it. it was built using Html, CSS, JavaScript, jQuery, and PHP.

### Smart Disabled home care

#### software engineering course project

The smart disabled home care application is a cloud-based online-to-offline service platform that enables groups of middle-aged and senior disabled people in Lebanon to receive more efficient and focused home care services.

### UMS

#### Object oriented programming course (Java)

It was about a university management system that affords for the student to enroll or drop any course and the constructor can add students or manage new online or normal classes.

### Car Rent Company

#### Object oriented programming course (Java)

The user has access to check if a car is available by entering a car description, and if it's available he can rent it successfully in the client section the user can check some data about the owner of each car.

## Volunteering Experience

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2022 – present	<b>Binary Brains</b> <i>Member</i> We started this club as computer science students in order to broaden our knowledge of the field through workshops, interact as much as possible with the tech community, develop our soft skills (teamwork, public speaking, and presentation preparation), as well as to mentor new students who are interested in the field.
2022/01	<b>Beirut AI</b> <i>Member</i> The Beirut AI membership program helps expand the reach of AI in the region and provides the opportunity to meet with different experts and build a new network.