

MARIAM SBEITY

Data Scientist

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- Lebanon

Summary

Current Master's student in AI and Data Engineering with a foundational Bachelor's degree in Data Science. Detail-oriented and passionate about leveraging hands-on experience in machine learning, deep learning, and data preprocessing to build AI-driven solutions from concept to deployment

Education

Lebanese University	Beirut- Lebanon
Master 2 degree in AI and Data Engineering	09/2025 – 07/2026
Lebanese University	Beirut- Lebanon
Master 1 degree in Computer Science	11/2024 – 07/2025
Lebanese University	Beirut - Lebanon
Bachelor degree in Data Science	11/2021 – 07/2024

Projects

Classifying Respiratory Disease from Cough Sound	11/2025 – 12/2025
Using transfer learning and fine-tuning methods on RESNET50, we reached a 87% accuracy on classifying the respiratory disease using a dataset found online from a hospital for similar project.	
Deep Learning Classification with CIFAR-10	09/2025 – 10/2025
Achieved 71% test accuracy on CIFAR-10 image classification by implementing a CNN in PyTorch and optimizing hyperparameters, architecture, and data augmentation	
Prompt2Play	03/2025 – 05/2025
Developed an AI system that allow users to create animated videos from prompts with ease and efficiency using the Hotshot XL model after going through transcription using Whisper , editing of prompt via Gemini API .	
Detection of Distracted Drivers Through Machine Learning Models	05/2024 – 07/2024
graduation project focused on classifying distracted driver behavior from images using classification machine learning models (Random Forest, KNN, Decision Tree).	

Experience

eFlow – E-Learning Providers	Remote
Data Science Intern	04/2024 – 06/2024
<ul style="list-style-type: none">• Conducted research on LLMs and RAG.• Built a Python script using pdfminer to extract structured data from PDFs and export as CSV.	

Courses in University

- ML
- NLP & LLMs
- Deep Learning (theory and applied)
- Data Analysis

Skills

- Python
- Deep Learning
- Machine Learning
- Neural Networks
- TensorFlow
- Pandas
- NLP

Languages

- Arabic – Native
- English – *Fluent in speaking, writing and reading*