

Leen M. ElBaba

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EDUCATION:

American University of Beirut (AUB), Beirut, Lebanon: August 2024 - (Expected May 2027)
Bachelor of Science (BS) in Computer Science. CGPA: 3.41/4.0 (85/100)

Al-Qualaa Secondary School, Saida, Lebanon : September 2009 - June 2024
Lebanese Baccalaureate, General Sciences. Graduated with distinction.
Ranked the 21st on Lebanon in the Official Exams: Grade: 18.205/20

Experience:

American University of Beirut (AUB), Beirut, Lebanon: August 2025-May 2026
Resident Assistant.

Extracurricular activities and volunteering

LGG Tumor Brain Segmentation Project:

- Developed a medical image segmentation model using PyTorch to detect tumor regions in brain MRI scans. Implemented U-Net architectures with data augmentation (Albumentations) and evaluated performance using Dice Score and IoU, achieving strong segmentation accuracy across validation data.

Hariri Foundation x ZAKA Bootcamp:

June 2025 - October 2025

- Completed 30 hours of intensive hybrid-sessions covering AI, ML, DL, LLMs, CNNs, NLPs, Computer Vision, Time series, MLOps led by Mr. Mrad Sleiman, an AI expert.
- Worked on many hands-on exercises and assignments to apply concepts in practice.
- Worked on a capstone project that was presented at the end of the bootcamp under the title of: NLP Project: Based Analysis of Development Agency Reports that analyzes unstructured reports from development agencies (UNDP, WHO, LCRP, UNESCO, etc.) thus performing text extraction, cleaning, analysis, and visualization to provide strategic, actionable insights.

All Girls Code Techsplore 2025 Tech Tapestry Edition:

- Completed a 3-day hybrid bootcamp that covered the topics of: Artificial Intelligence (AI), Python (Programming Language), Transfer Learning, Prompt Engineering, Teamwork along with tech talks, and fun practice exercises.

IISE AUB Microsoft Excel Workshop:

- Attended a 2-hour workshop by the expert Hadi Safieddine that briefly introduced us to several useful functions that are applied and worked with in the industry on Microsoft Excel.

Social Work Club x Children's Cancer Center Lebanon Workshop:

- Attended an awareness workshop that covered the importance of yearly checkups to directly report anything dangerous, along with some inspiring stories of cancer survivors.

Objectia Academy - Java Backend Development Training:

- Completed a 12-hour intensive workshop where we built a real-world bank-management system using Java Spring Boot, PostgreSQL, and Postman.

Special Olympics Lebanon (SOL), Saida, Lebanon:

September 2019 – April 2021

- Attended many meetings and participated in them to prepare for future events to support special needs kids.
- Organized a football tournament for the kids along with schools across Saida.
- Helped doctors with the kids during the “Free Health Checkup Day”

Member in Association for Computing Machinery (ACM) Club

Member in Google Developers Group (GDG)

Hobbies: reading, coding, basketball, singing, playing oud.

Skills:

Languages: Arabic (native), English (fluent: reading, writing, & speaking), and French (fluent: reading).

Computer skills: Microsoft Office **Programming Languages:** Java, C, C++, Python, Rust **Web Basics:** HTML, CSS, **Database:** SQL, MySQL. Machine Learning, Artificial Intelligence. Git, Github