

KAREN M. ELSAYED

BEIRUT ARAB UNIVERSITY | COMPUTER SCIENCE MAJOR/MATH MINOR

GPA: 3.94/4.0

Graduation Date: Sep. 2025

EDUCATION

BS IN COMPUTER SCIENCE, W/ MATH MINOR

Beirut Arab University 2022-2025

SKILLS

- **Programming Languages:** C++, Java, Python, HTML, CSS, Javascript, SQL
 - **Technical Skills:** Web Design, Data Structures and Algorithms, Image Processing, Object-Oriented Programming, MS Word, MS Powerpoint, MS Excel
 - **Soft Skills:** Problem-Solving and Analytical Thinking, Communication Skills, Adaptability and Continuous Learning, TeamWork, Time management
 - **Languages:** Fluent in English and Arabic
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PROJECTS

BUS ROUTE WEBSITE

Created a website featuring an interactive map, dynamic bus stop search, and user login/registration, using HTML and SQL.

TUMOR DETECTION USING IMAGE PROCESSING

Applied advanced image processing techniques, including smoothing, segmentation, and edge detection, to analyze MRI scans for tumors.

HOTEL MANAGEMENT SYSTEM

Designed an efficient, user-friendly hotel management simulation interface, leveraging data structures like priority queues, linked lists, stacks, and arrays.

ACHIEVEMENTS

LEBANESE COLLEGIATE PROGRAMMING CONTEST 2023

Competed in a rigorous programming contest, demonstrating advanced problem-solving skills and proficiency in algorithmic challenges.

CONTACT

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