

RAYAN SAMER ALSHAIB

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A Computer Science graduate passionate about web development and AI, seeking to apply technical and analytical skills to build intelligent, user-focused digital solutions.

Experience

Gewan Medical Center Website Project (Freelance) www.gewanmedicalcenter.com 10/2025

- Designed and developed a responsive, multilingual website for Gewan Medical Center using HTML, CSS, JavaScript, and Bootstrap.
- Translated the clinic's brand identity and company profile into a modern, user-friendly digital design showcasing its medical services.
- Ensured cross-device compatibility, visual consistency, and optimized user experience across all sections.

Senior Project: AI-Powered Academic Advising System 2/2025 to 5/2025

- Developed an AI-powered web-based advising system with PHP and MySQL to help instructors recommend courses to students for the upcoming semester in a single click.
- Integrated OpenAI GPT API for AI-generated personalized course recommendations.
- Built role-based dashboards with secure authentication and real-time advising logic.

NLP Project: Sentiment Analysis of User Reviews (College Project) 4/2025 to 5/2025

- Developed a sentiment analysis system for classifying Trustpilot reviews (positive, negative, neutral) using lexicon-based (VADER) and Transformer-based (BERT) methods.
 - Integrated Information Retrieval (IR) techniques to enhance preprocessing and improve relevance-based review filtering.
 - Compared and evaluated traditional models against Large Language Models (LLMs) like GPT to assess differences in sentiment interpretation, accuracy, and consistency.
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Core Skills

- **Programming** : Python, Java, JavaScript, HTML, CSS , SQL, C++, Dart
 - **AI**: TensorFlow, PyTorch, Hugging Face Transformers, OpenAI GPT API
 - **NLP**: Tokenization, BERT, VADER, NLTK
 - **Data Handling**: Pandas, NumPy, preprocessing
 - **Tools**: Jupyter Notebook, Google Colab
 - **Languages**: Arabic (Native), English (Advanced)
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Education

Lebanese International University (Beirut, Lebanon)
Bachelor of Science in Computer Science

10/2022 to 8/2025

Certificates

Forward Mena & Simplilearn (Online) 6/2024 to 10/2024

Certificate of Achievement in **Data Analysis**

(Business Analytics with Excel, SQL, Programming Basics and Data Analytics with Python, Tableau)

Modern University for Business and Science (Beirut, Lebanon) 1/2023 to 5/2023

Certificate of training in **NGO Management**

(Project management, SPSS "Data Entry and Analysis", Introduction to Microsoft office,)