

Yazan Halloul

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Education

OCT 2018 – SEP 2024

Bachelor of Software Engineering and Artificial Intelligence | Higher Institute for Applied Sciences and Technology (HIAST) | Barzeh, Damascus, Syria

Skills

Programming Languages:

C# | C++ | JavaScript | Python | SQL | Java | Dart

Frameworks & Libraries:

.NET | Flutter | React | Django

Web Technologies:

HTML | CSS | Bootstrap

Tools & Technologies:

VS Code | Visual Studio | Postman | SQL Server | SQL Developer | Data Modeler | Google Collab | Tableau | IntelliJ IDEA

Soft Skills:

Rapid Learner | Time Management | Multitasking | Problem Solving | Team Collaboration | Decision-making

Projects

Jun 2024 – Sep 2024 | Graduation Project

Generate Multiple Choice Questions from Image Using Deep Learning | [GitHub Link](#)

- Developed an **AI-powered system** that generates multiple-choice questions from images.
- Built a user-friendly web interface using **React.js**.
- Implemented **object detection, image captioning, and NLP models** for question generation.
- Utilized **Visual Question Answering (VQA), Large Language Models (LLMs), and prompt engineering** to improve accuracy.
- Employing the system to **automated test creation in educational settings**.

Jul 2023 – Sep 2023 | Fourth Year Project

E-HealthCare Mobile Application | [GitHub Link](#)

- Developed an **E-Healthcare mobile app** using **Flutter** for UI and **.NET** for backend services.
- Implemented **doctor-patient interaction**, including profile management and appointment scheduling, enabling patients to **book appointments** while doctors **manage** their availability.
- Implemented a **real-time messaging feature**, enabling patients to directly chat with doctors for consultations and inquiries.
- Integrated filtering options for doctors based on **specialty, location, gender, and age group**.

Dec 2023 – Feb 2024 | Mini Project

Aspect Based Sentiment Analysis

- Implemented **aspect-based sentiment analysis (ABSA)** using **NLP, machine learning and transformer models** to extract and classify sentiments related to specific aspects in text.
- Experimented with various models, including **Decision Trees, SVC, TF-IDF, Word2Vec, and BERT**, achieving optimized results.

Mar 2023 – May 2023 | Mini Project

Financial Transaction Management System

- Built an **automated financial transaction management system** for a financial transfer company.
- Developed a **secure backend** using **Node.js** and **Oracle Database** for data management.
- Implemented **real-time transaction tracking** and ensured **high-security compliance**.

Mar 2023 – May 2023 | Mini Project

E-Commerce Website

- Developed an E-Commerce website using pure **HTML, CSS, and JavaScript** for the frontend and **.NET** for backend services.