

Ali Rabih El Rehaoui

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Profile

Recent honors graduate in Computer Engineering B.S. with practical experience developing Java and SQL projects. Passionate about understanding and applying AI and machine learning concepts, currently expanding knowledge through self-directed study

Personal Projects

MediSync

Developed a secure online platform for a psychiatric clinic as a senior project, enabling anonymous online access to mental health care via live messaging, voice/video calls. It ensures anonymity through username-only login and prepaid card payments. It supports hybrid scheduling for anonymous online and verified in-person sessions, aiming to reduce stigma towards mental health and provide confidential access to care.

FrameWork/Libraries and Software: Node.js, Express.js, Socket.io, React, XAMPP(MySQL)

Languages: JavaScript, TypeScript, SQL

Posture Detector

Developed a posture detector that currently supports 20 users locally and 255 users in the database, integrated with WiFi module enabling real-time data transfer viewable via a web application, where user data is centralized for tracking posture changes over time, as well as managing user details, such as username, password, and WiFi networks.

Software: Arduino IDE, XAMPP

Hardware: Arduino UNO, Flex Sensor, ESP-01 ESP8266, SPI TFT Display, Push Button

Hotel Management System

Developed a hotel management system for booking reservations and managing customer data and billing processes through a database system.

Software: Netbeans, XAMPP

Languages: Java, SQL

Education

Bachelor of Science in Computer Engineering

2022-2025

Lebanese International University, Beirut, Lebanon

- **Dean's Honor List:** Summer 2023, Spring 2024, Fall 2025, and Spring 2025.
- Relevant Coursework:
 - **Web Programming and Technologies:**
Created interactive web applications using HTML, CSS, and JavaScript linked to MySQL database.
 - **Database Systems:**
Developed a hotel management system using Java and SQL to manage reservations, customer data, and billing processes, depending on MVC.
 - **Mobile Application Development:**

Created Android applications with management functionalities connected to MySQL database.

- **Intermediate Programming with Objects (Java)**

License in Cinematography

2016-2019

Academy of Cinematographic and Theatrical Sciences, Mkalles, Lebanon

Technical Skills

Languages:

- | | | | |
|--------------|----------------------|----------|----------------------|
| • Java | ★★★★☆ (Intermediate) | • SQL | ★★★★☆ (Intermediate) |
| • JavaScript | ★★★★☆ (Intermediate) | • Linux | ★★★★☆ (Developing) |
| • HTML/CSS | ★★★★☆ (Intermediate) | • Python | ★★★★☆ (Developing) |

Frameworks & Technologies:

- React ★★★★★ (Developing)

Software & Tools:

- | | |
|---------------|--------------------|
| • Netbeans | • Node.js |
| • Arduino IDE | • Jupyter Notebook |
| • XAMPP | |

Transferable Experience

Assistant DoP

- | | |
|---|-----------|
| • <i>Mouzih Al-Arab, Beirut, Lebanon</i> | 2019-2022 |
| <ul style="list-style-type: none">- Managed the lighting and acoustics of regionally recognized productions.- Supervised production crews across various sets. | |
| • <i>Wide Broadcast, Hazmieh, Lebanon</i> | 2018-2019 |
| <ul style="list-style-type: none">- Coordinated the camera crew for various Lebanese television shows. | |

Camera Operator

2017-2018

Wide Broadcast, Hazmieh, Lebanon

Languages

- **English:** Advanced
- **Arabic:** Native/Advanced
- **German:** Beginner

Awards

Dean's Honor List — *Lebanese International University, Beirut*