

# Hadi Obeid

+961 71 725 441 | Beirut, Lebanon | [hadiobeidedu@gmail.com](mailto:hadiobeidedu@gmail.com) | [LinkedIn](#)

## EDUCATION

**Lebanese American University, Beirut, Lebanon**  
BS in Computer Science

**Expected Graduation July 2025**

**Al Rahma High School, Nabatiyeh, Lebanon**  
Lebanese Baccalaureate, 17.29/20, General Science

**September 2009-June 2021**

## RELEVANT COURSEWORK

- Object-Oriented Programming / Data Structures and Algorithms
- Parallel Programming in C
- Web Programming and Mobile Applications
- Machine and Deep Learning
- Database management and Software Engineering

## PROJECTS COMPLETED

### Lau in Motion

**April 2025**

- Developed a mobile application to manage campus events, supporting event creation, editing, and deletion.
- Implemented user and admin interfaces with role-based access to ensure secure event management.
- Enabled seamless event browsing and interaction, enhancing campus engagement and communication.

### Anna

**January 2025**

- Developed Anna, a full-stack eCommerce website for a kids' wear shop using React and Node.js.
- Designed an intuitive shopping experience for customers to browse and purchase clothing, shoes, and accessories for kids.
- Built an admin CMS for efficient product management, order tracking, and website updates.

### Giftify

**December 2024**

- Developed and implemented the Giftify web platform using PHP, HTML, CSS, and SQL to enhance online gift shop management.
- Designed a user-friendly interface for customers to browse and purchase items sorted by type.
- Built an owner dashboard to manage inventory, update shop details, and communicate with customers.

### Sign Language Detection

- Developed a deep learning model for sign language detection using action recognition techniques.
- Implemented an LSTM-based architecture with **Python**, **TensorFlow**, and **MediaPipe** to analyze hand gestures.
- Utilized **Scikit-Learn** for data preprocessing and **Matplotlib** for visualization, improving model accuracy and performance.

### Breast Cancer Detection

**December 2024**

- Developed a machine learning model for breast cancer detection using **NumPy, Pandas, and Seaborn** for data analysis and visualization.
- Preprocessed and analyzed medical datasets to identify key patterns and correlations.
- Implemented classification algorithms to improve detection accuracy and provide data-driven insights.

#### **Arz Pharmacy**

**December 2024**

- Developed and implemented the ArzPharmacy web platform using PHP to streamline pharmacy operations.
- Designed a user-friendly interface for Owners, Pharmacists, and Customers to manage stock, approve medications, and purchase products.
- Enhanced functionality for medication and cosmetic sales while ensuring efficient stock management and approval workflows.

#### **ByteGuide Academy Website – Web Development**

**December 2024**

- Developed and enhanced the ByteGuide Academy website during an internship at Integrated Digital Systems.
- Designed a responsive and user-friendly interface using HTML, CSS, JavaScript.
- Worked closely with the design and development teams to optimize website performance and ensure a seamless user experience.

### **EXTRACURRICULAR & VOLUNTEERING ACTIVITIES**

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#### **Lebanese American University, Beirut, Lebanon**

- Human Rights Club, President September 2023-May 2024
- Social Work Club, member September 2022-May 2024
- Computer Science Club member September 2024-Present

#### **DevFest Beirut – Google Developers Group**

**October 2023**

#### **Life Sculptor, Research Team**

**July 2023-Present**

### **EXPERIENCE**

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#### **ed K&K – Software Development Intern**

**Summer 2024 (200 hours)**

- Assisted in developing web applications and performing software testing
- Gained practical experience in full-stack development, contributing to various projects within the company.

#### **Integrated Digital Systems – Web Development Intern**

**Fall 2024 (240 hours)**

- Assisted in developing web applications and performing software testing
- Gained practical experience in full-stack development, contributing to various projects within the company.

### **AWARDS**

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Most Creative Club Award, Lebanese American University

**April 2024**

### **EXPERIENCE**

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- Programming languages: Python, C, JavaScript, Java, PHP and SQL.
- Markup languages: HTML, CSS
- Frameworks and Library: React, Bootstrap
- Languages: Fluent in both Arabic and English.