

Nour Jalloul
+961 70 166 557
Beirut, Lebanon

nour.jalloul01@lau.edu
[LinkedIn](#)
[GitHub](#)

EDUCATION

Lebanese American University, Beirut, Lebanon BS in Computer Science CGPA: 3.6/4.0	Expected Graduation May 2025
---	-------------------------------------

Al-Bayader School, Beirut, Lebanon Lebanese Baccalaureate, Life Sciences	2007-2022
--	------------------

INTERNSHIPS

Areeba, Beirut, Lebanon <i>Full-Stack Web Developer</i>	June 2024- July 2024
---	-----------------------------

- Developed the "Robot Friends" project, a web application using JavaScript, Node.js, and React, focusing on interactive user features and dynamic data handling.
- Utilized MongoDB for database management and Express.js for server-side logic.

IDS, Beirut, Lebanon <i>Full-Stack Web Developer</i>	July 2024- August 2024
--	-------------------------------

- Developed the "Activity Club Website," implementing registration, login, and other management features using PHP and MySQL.
- Integrated AdminLTE for responsive UI design, improving user experience and functionality.
- Emphasized database design and management, as well as creating CRUD operations for admins, members, guides, and events.

PROJECTS

Database Project for a Sports Academy • Designed and implemented a database system for a sports academy. Created Entity-Relationship Diagrams (ERDs) and normalized tables to Boyce-Codd Normal Form (BCNF), ensuring data integrity and consistency. • The tools used: draw.io for ERD design and Oracle SQL Server for database implementation.	Fall 2023
--	------------------

Software Engineering Project for an Airline Reservation System • Collaborated on the development of an airline reservation system following IEEE standards. Created software requirements documents, system architecture, object models, and data-flow models. Implemented back-end functionalities using PHP and SQL and developed a user-friendly front-end with CSS. • Tools used: MySQL and phpMyAdmin for database management, and WampServer for local development.	Spring 2024
--	--------------------

Web Development Project for a Jewelry Store • Developed a jewelry store website. Used a template to create a responsive design and improve user experience by implementing search and filter features for the catalog. • Tools used: HTML, CSS, and PHP.	Spring 2024
---	--------------------

Mobile Development Project for a Recipe Management App • Designed and developed a mobile application for recipe management, allowing users to browse and add recipes and manage orders.	Fall 2024
---	------------------

- Implemented features such as recipe categorization by cuisine and type, detailed recipe view with ingredient pricing, and order management stored in a database for restaurant use.
- Integrated sharing functionality to share recipes with others.
- Tools used: Android Studio, Java, PHP, XML for front-end design, MySQL and phpMyAdmin for database management, and WampServer for local development.

Machine Learning Project for Sentiment Analysis

Fall 2024

- Developed a sentiment analysis model to classify emotions in text, such as happiness, sadness, and anger, using the GoEmotions dataset from Google's GitHub repository.
- Implemented Logistic Regression and Random Forest models for comparison, achieving an accuracy of 75% with Logistic Regression on the test set.
- Employed data preprocessing techniques such as text tokenization and feature representation using CountVectorizer and TF-IDF Vectorizer. Addressed class imbalance through random under-sampling.
- Tools used: Python, Google Collab, scikit-learn, pandas, matplotlib, and NumPy.

EXTRACURRICULAR ACTIVITIES

LAU Computer Science Club, Beirut, Lebanon

January 2024-Present

- Participated in events such as CS Club Devathon and GDG DevFest.

All Girls Code, Beirut, Lebanon

2018-2021

- Learned HTML, Python, and Java.

TECHNICAL SKILLS

Programming Languages: Python, Java, C, SQL, HTML, CSS, JavaScript, PHP

Frameworks and Libraries: React, Node.js, Express.js, Android SDK

Database Management: SQL, MySQL, MongoDB, CRUD Operations

Mobile Development: Android Development (Java), Mobile App UI/UX Design, App Development Life Cycle

Machine Learning: Data Preprocessing, Model Training (Logistic Regression, Random Forest), Text Vectorization (CountVectorizer, TF-IDF), Model Evaluation (Accuracy, Precision, Recall, F1-Score), Class Imbalance Handling

Version Control: Git, GitHub

Web Development Skills: Responsive Design, Front End Development, Back End Programming, Web Design, Web Applications, RESTful API Development, Developing APIs

Development Tools: WAMP Server, phpMyAdmin, Postman, Android Studio

Software Proficiency: Microsoft Office (Word, Excel, PowerPoint)

Soft Skills: Attention to Detail, Problem-Solving, Organizational Skills, Verbal Communication, Collaboration, Time Management

LANGUAGES

Fluent in both English and Arabic.