

Dana Hamade

+961 78 941 893

danahamade@outlook.com

Beirut, Lebanon

[LinkedIn](#)

EDUCATION

Lebanese American University, Beirut, Lebanon BS in Computer Science	September 2022-December 2025
Al Mayadine International School, Sour, Lebanon Lebanese Baccalaureate, Life Science	September 2009-June 2022

EXPERIENCE

Web Developer Intern – Finova Fintech	January 2025- May 2025
<ul style="list-style-type: none">Designing and building an e-commerce website using ReactCreating responsive and user-friendly web pagesConnecting the website to APIs for data handling	
Web Developer Intern – Integrated Digital Systems	August 2024-November 2024
<ul style="list-style-type: none">Developed an SQL database using the Microsoft SQL ServerDeveloped a Web API using Visual Studio 2022, .NET 6.0, and the MVC (Model-View Controller) development patternSecured Web API using JWT (JSON Web Tokens)Tested API using Swagger/SwaggerUI	

PROJECTS COMPLETED

Lassa Virus Fever Modeling – Research Project	Spring 2025
<ul style="list-style-type: none">Applied a machine learning RBNN with 14 neurons and a radial basis activation function to simulate the virus transmission based on disability impact.Optimized the model using Levenberg-Marquardt backpropagation, achieving low mean square error and high regression accuracy.Validated results through data splitting (training, testing, validation) and confirmed accuracy with histogram error and output overlap.Introduced a novel neural network structure for solving nonlinear zoonotic disease models.	
Sustainable Scape - Web Project	Spring 2024
<ul style="list-style-type: none">Developed a web platform using PHP, JavaScript, and HTML to tackle food insecurity and plastic pollution in Lebanon, focusing on backend functionality, dynamic user interaction, and accessible design.	
Marvel Galactic Radio System - Database Project	Fall 2023
<ul style="list-style-type: none">Designed and implemented a database for Marvel Galactic Radio Station using Microsoft Visio, Oracle SQL Server, and SQL, including ER diagram creation, schema translation, and normalization to BCNF.	

EXTRACURRICULAR & VOLUNTEERING ACTIVITIES

LebNet Tech Fellows Program, Online	December 2023-May 2024
<ul style="list-style-type: none">Discussed various topics related to creativity, employability, and graduate studies.	
Lebanese American University, Beirut, Lebanon	
<ul style="list-style-type: none">Computer Science Club, memberSocial Work Club, memberHuman Rights Club, member	September 2023-December 2025 September 2022-May 2023 September 2023 – December 2025

WORKSHOPS & CERTIFICATES

All Girls Code Workshop, February 2024

LAU DevFest 2023, October 2023

Google Coursera: Foundations of Cybersecurity, Certificate of Completion, August 2023

SKILLS & LANGUAGES

Programming skills: Python, Java, C, SQL, HTML, CSS, JAVASCRIPT, PHP, .NET, React js and Angular.

Computer skills: Microsoft Office.

Languages: Fluent in both Arabic and English.