

Dana Hamade

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Beirut, Lebanon

[LinkedIn](#)

EDUCATION

Lebanese American University, Beirut, Lebanon

September 2022-December 2025

BS in Computer Science

Al Mayadine International School, Sour, Lebanon

September 2009-June 2022

Lebanese Baccalaureate, Life Science

EXPERIENCE

Mobile & Full Stack Developer Intern – DataVera, Dubai, UAE **February 2026 – Present**

- Developed a full-stack e-commerce mobile application with Flutter/Dart frontend and Java Spring Boot REST API backend, featuring user registration, OTP email verification, JWT authentication, product browsing, cart, wishlist, order checkout, and profile management with image upload
- Designed and integrated a MySQL database with Spring Data JPA, and built an admin dashboard to manage products, categories, orders, and users
- Implemented email notifications via Gmail SMTP and managed the full development workflow using Git and GitHub under supervisor guidance

Web Developer Intern – Finova Fintech, Sour, Lebanon

January 2025 – May 2025

- Designing and building an e-commerce website using React
- Creating responsive and user-friendly web pages
- Connecting the website to APIs for data handling

Web Developer Intern – Integrated Digital Systems, Beirut, Lebanon

August 2024 –

November 2024

- Designed and implemented a relational database using Microsoft SQL Server to support the application's data layer
- Built a RESTful Web API using .NET 6.0 and the MVC pattern in Visual Studio 2022, secured with JWT authentication and tested via Swagger

PROJECTS COMPLETED

Lassa Virus Fever Modeling – Research Project

Spring 2025

- 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

- 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

- 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.

WORKSHOPS & CERTIFICATES

All Girls Code Workshop, February 2024

LAU DevFest 2023, October 2023

SKILLS & LANGUAGES

Programming skills: Python, Java, C, SQL, HTML, CSS, JAVASCRIPT, PHP, .NET, React, Flutter, Java Spring Boot.

Computer skills: Microsoft Office.

Languages: Fluent in both Arabic and English.