

Lea Abdallah

71 752 484 | leyaabdallah@gmail.com | www.linkedin.com/in/lea-abdallah-3923492a3
<https://leaabdallah.github.io/portfolio/>

Beirut, Lebanon

Computer Science graduate (AUST) with hands-on experience in full-stack development, cloud deployment, and AI applications. Passionate about building impactful software solutions.

Skills

Communication
Problem-solving
Teamwork
Project management

Technical Skills

Languages: Python, C++, Java, C#, JavaScript, SQL

Frontend: React.js, HTML, CSS

Backend: ASP.NET Core (.NET 8), REST APIs

Data Science & AI: Sentiment Analysis, NLP, Machine Learning, PowerBi

Cloud & Tools: Azure App Service, Azure SQL, Azure Key Vault, VectorShift, Microsoft Technologies

XR & Simulation: Unreal Engine, MetaHuman, Virtual Reality Development

Work experience

Digilab Solutions

Jdeideh, Lebanon

Software Development Intern/Trainee

February 2026-Present

- Contributed to the development of a healthcare app in an Agile team
- Participated in daily stand-ups, feature implementation, testing, and bug fixes
- Worked on separate SharePoint development and customization tasks

Cyber Armor

Remote

Front-end Intern (cybersecurity project)

July 2025-November 2025

- Designed and developed responsive React dashboards for a threat-intelligence platform, delivering modular views for alert monitoring, leak analysis, and client management

Projects

VocaLink - Speech-to-Sign AI Avatar (Senior Project)

Nov 2025 - May 2026

Team Member | Unreal Engine, MetaHuman, VR, Python, Machine Learning, NLP

- Developed a system that converts speech into sign-language animations using a MetaHuman avatar in Unreal Engine
- Integrated sentiment analysis to generate facial expressions for realistic communication

RecycleLeb - Android Recycling Management Application

May 2026

Team Member | Java, Android Studio, SQLite

- Developed an Android app that encourages recycling through bin management, pickup scheduling, and a points-based rewards system
- Collaborated on feature development, database design, and application testing

Plan It - Assignment Deadline Manager <i>Team Member ASP.NET Core (.NET 8), JavaScript, HTML, CSS, SQL</i> -Built a full-stack assignment management web application with user authentication, dashboards, and CRUD features -Implemented REST-style API endpoints for managing assignments, courses, and user-related data	Jan 2026
Twitter Sentiment Analysis - Machine Learning Project <i>Solo Developer Python</i> -Developed a machine learning model to classify tweets into positive and negative sentiments -Performed data preprocessing, feature extraction (TF-IDF), and model evaluation using supervised learning techniques	July 2025
Nova - AI Personal Assistant Chatbot <i>Solo Developer VectorShift, No-Code AI Tool</i> -Created a conversational AI assistant with memory and reminder functionality using custom pipeline design	May 2025
Financial Manager - Azure Deployment Project <i>Team Member Azure App Service, Azure SQL, Key Vault</i> -Deployed a full-stack finance tracking app using Azure App Service, SQL, Functions, and Key Vault	May 2025

Education
American University of Science and Technology, Beirut, Lebanon | B.S. in Computer Science, Spring 2026

Certificates	
- React 18 Course 2025: Learn React JS the fast way	August 2025-Udemy
- CCNA: Switching, Routing, and Wireless Essentials	January 2025-CISCO
- CCNA: Introduction to Networks	November 2024-CISCO

Languages
Arabic, English, French

Interests and Hobbies
Sports, reading, drawing, singing

References
Available upon request