

## Fatima Mansour

Lebanon, Beirut

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### SUMMARY

Motivated and adaptable university student with experience in customer service and project-based work. Strong communication, problem-solving, and teamwork skills, with the ability to learn quickly and handle responsibilities efficiently. Seeking an opportunity to gain professional experience and contribute to a dynamic organization.

### EDUCATION

#### University of Sciences and Arts in Lebanon

October 2022 - May 2026

Bachelor in Computer Science for Data Science; CGPA: 3.04/4.00  
Dean Honor List Fall 2025-2026

#### High School Name

Ashbel Al-Sahel High School, Life & Science Section

September 2021 - June 2022

### PROFESSIONAL EXPERIENCE

#### Al Diraset Library

September 2025 – December 2025

- Assisted customers with printing, scanning, and document preparation
- Operated printers and photocopy machines efficiently
- Managed file formatting and ensured print quality
- Provided customer service and handled multiple requests under time constraints

### LEADERSHIP AND COMMUNITY ENGAGEMENT ACTIVITIES

#### University of Sciences and Arts in Lebanon

- Founder of the Pink Club - upcoming club (in progress) November 2025-Present
- Founded a student club focused on computer science awareness and engagement
- Organized and planned technical and awareness activities on campus
- Led coordination with students and faculty members
- Promoted inclusivity and participation in technology-related fields

### WORKSHOPS AND TRAININGS

- **CodeWave Project: Full Stack Developer (.NET)**
  - Developed an interactive e-learning platform similar to Codecademy using **ASP.NET Core** and **C#**.
  - Built RESTful APIs for user progress tracking, courses, and project management.
  - Implemented a personalized dashboard and automated CV generation module.
  - Designed and managed database structure using **SQL Server** and **Entity Framework Core**.
  - Created admin panel features for managing courses and job offers.
  - Technologies: **C#**, visual studio 2022, ASP.Net Core MVC/ Web API, SQL Server, RESTful APIs, Authentication & Authorization.
- **Veterinary Shop Responsive Website: Full Stack Web Developer**
  - Created a responsive e-commerce platform for pet food and veterinary services using **React.js**.
  - Built an interactive user interface with **Bootstrap** for modern design and mobile-friendly layout.
  - Implemented key shop features including product listings, services section, shopping cart, and secure checkout system.
  - Created backend functionality using **Python** to manage orders, user data, and shop services.
  - Integrated frontend and backend components to ensure smooth user experience and efficient performance.
  - Designed the project using **Visual Studio Code** and applied best practices in web development.

- Technologies: React.js, JavaScript, HTML/CSS, Bootstrap, Python (Backend), Responsive Web Design), Checkout & E-commerce Features
- TrioSign Platform:** **Machine Learning Developer (Python)**
  - Built a real-time ASL letter recognition system using deep learning in **Python**.
  - Trained an image classification model with **MobileNetV2 transfer learning**.
  - Applied preprocessing and augmentation techniques (MixUp, CutMix) to improve accuracy.
  - Integrated strategies to handle class imbalance using **focal loss** and class weighting.
  - Technologies: Python, TensorFlow/Keras, MobileNetV2(Transfer Learning), Image Preprocessing & Augmentation, VS Code.
- Al-Aseel (الأصيل) platform:** **Natural Language Processing Developer (Python)**
  - Developed an Arabic NLP platform for text correction, diacritization, and language understanding.
  - Implemented models for **spell/grammar correction, NER, POS tagging, summarization, and sentiment analysis**.
  - Built NLP models for **next-word prediction**, supporting dynamic text suggestions while typing.
  - Worked with Arabic datasets such as **QALB, Tashkeela, AraSum, ASTD, XNLI**, ensuring strong performance across multiple NLP applications.
  - Technologies: Python, NLP & Deep Learning, BiLSTM + CRF Models, Seq2Seq, Arabic NLP Datasets, VS Code.
- Cedarscape App:** **Android Developer | Android Studio**
  - Developed a tourism and location discovery mobile application using **Android Studio**, designed to help users explore nearby attractions and services across Lebanon.
  - Integrated **Google Maps API** with interactive markers to display multiple locations such as **hotels, restaurants, cafés, and leisure destinations** (Map Screen).
  - Implemented category-based filtering (e.g., **Food & Drinks, Sports & Activities**) allowing tourists to personalize their search experience.
  - Built a structured navigation system with key sections including **Home, Locations, and Settings** through a responsive navigation menu.
  - Designed a deals and business details page featuring:
    - Offer redemption functionality
    - Direct contact actions (**Call Now button**)
    - Social media integration (**Instagram Page link**)
  - Designed navigation features including Home, Locations, and Settings with a clean UI. Used: Android Studio, Java, Google Maps API, Location Services, Mobile UI Design & Navigation Components.

## SKILLS

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- Computer Skills:** Proficient in Microsoft Office (Word, Excel, PowerPoint, Outlook)
- Languages:** Fluent in English and Arabic

## TECHNICAL SKILLS

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- Programming Languages:** Python, C#, JavaScript, Java, HTML, CSS
- Frameworks:** ASP.NET Core, React
- Databases:** SQL Server, MySQL, PostgreSQL
- AI/ML:** TensorFlow, NLP, Deep Learning, PyTorch
- Tools & Platforms:** Git, Visual Studio 2022, VS Code, Android Studio, Google Colab, Jupyter Notebook